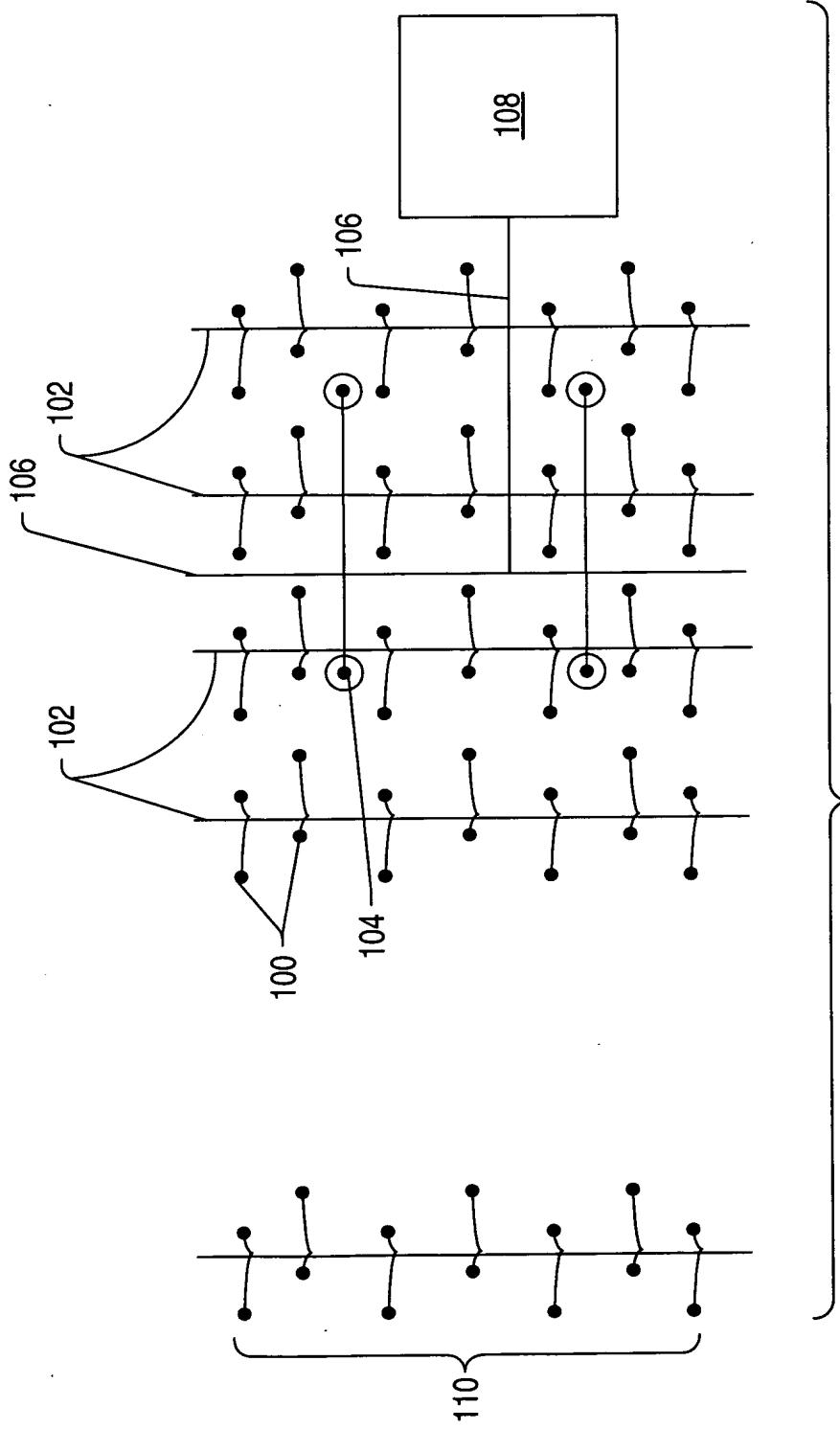


FIG. 2



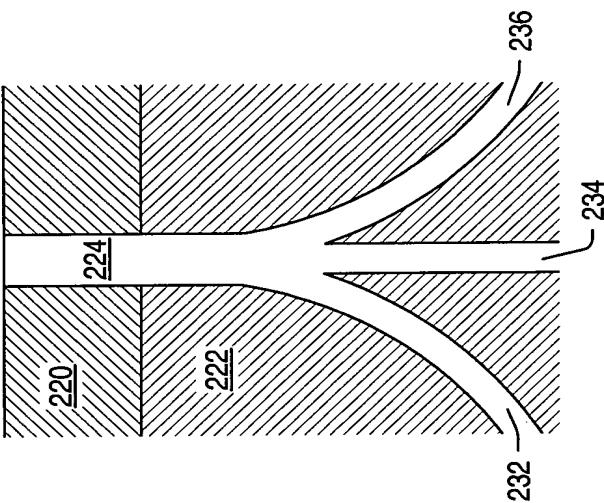


FIG. 3c

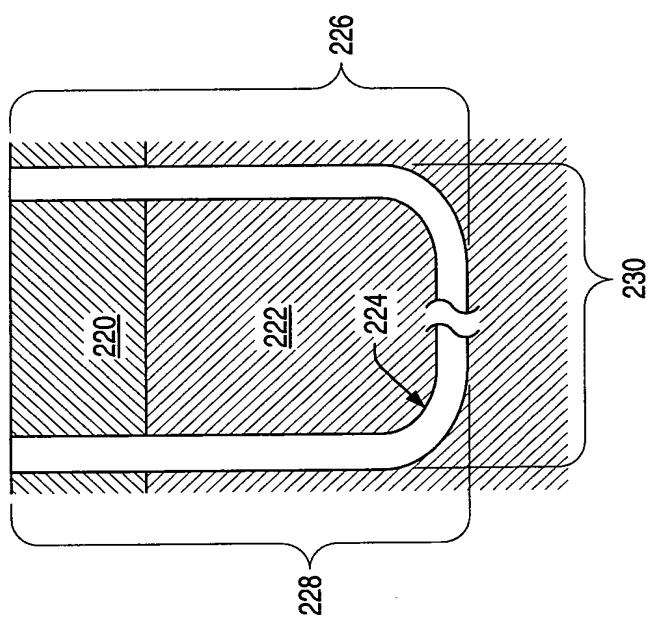


FIG. 3b

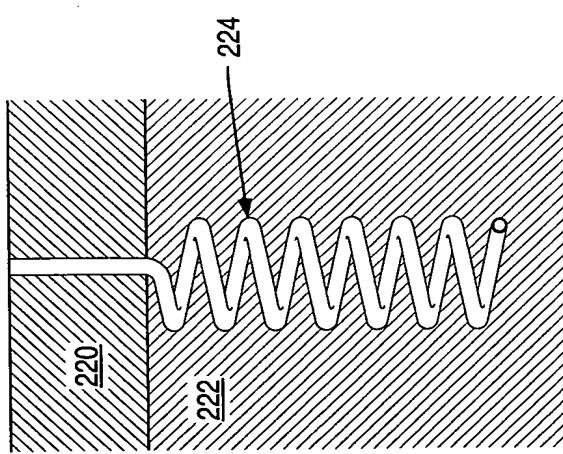


FIG. 3a

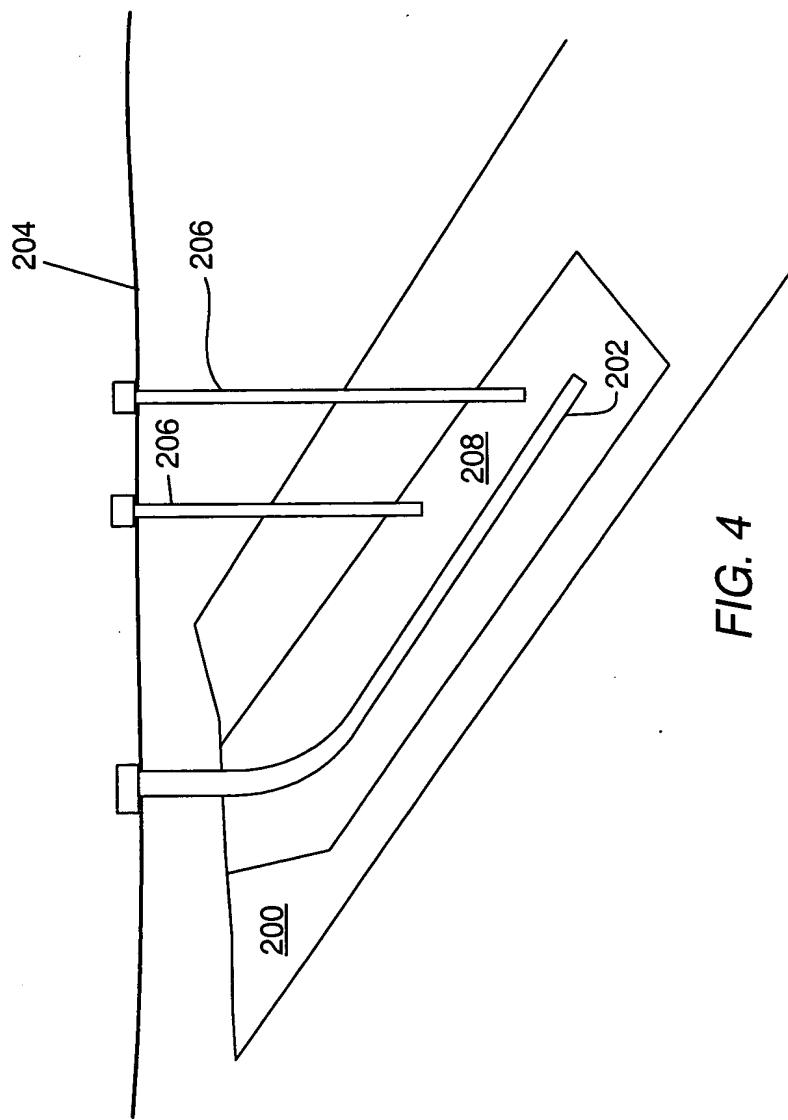
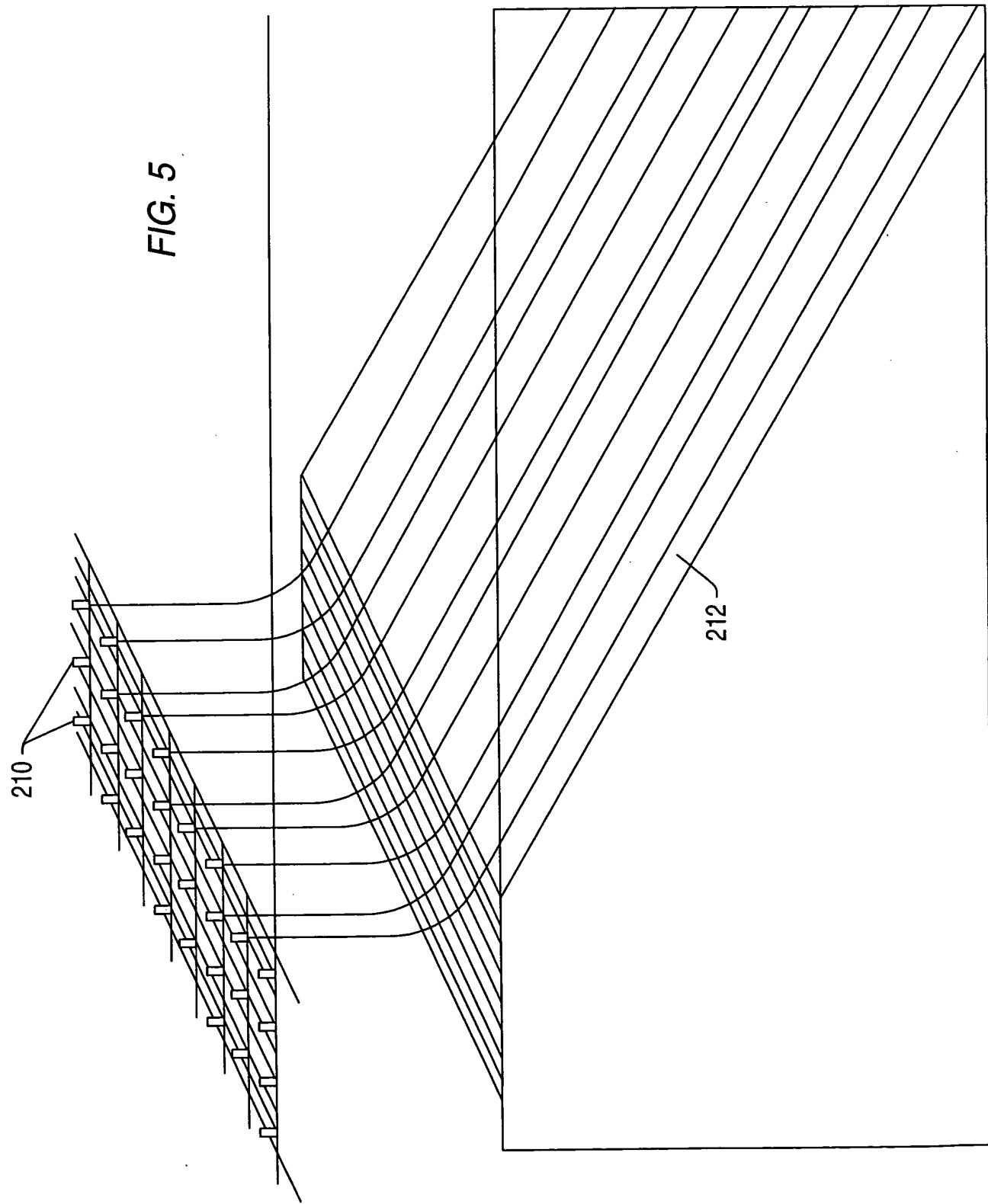


FIG. 4

FIG. 5



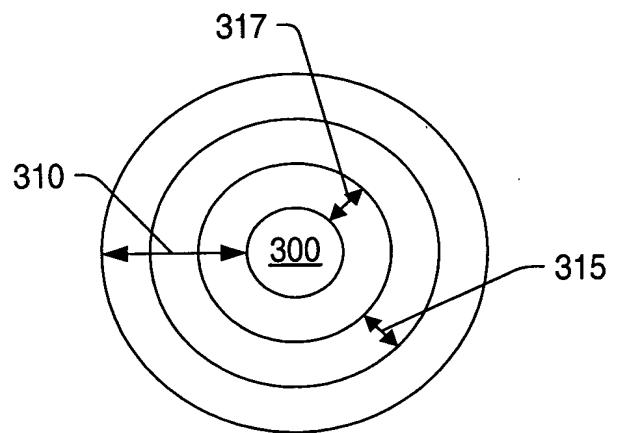


FIG. 6

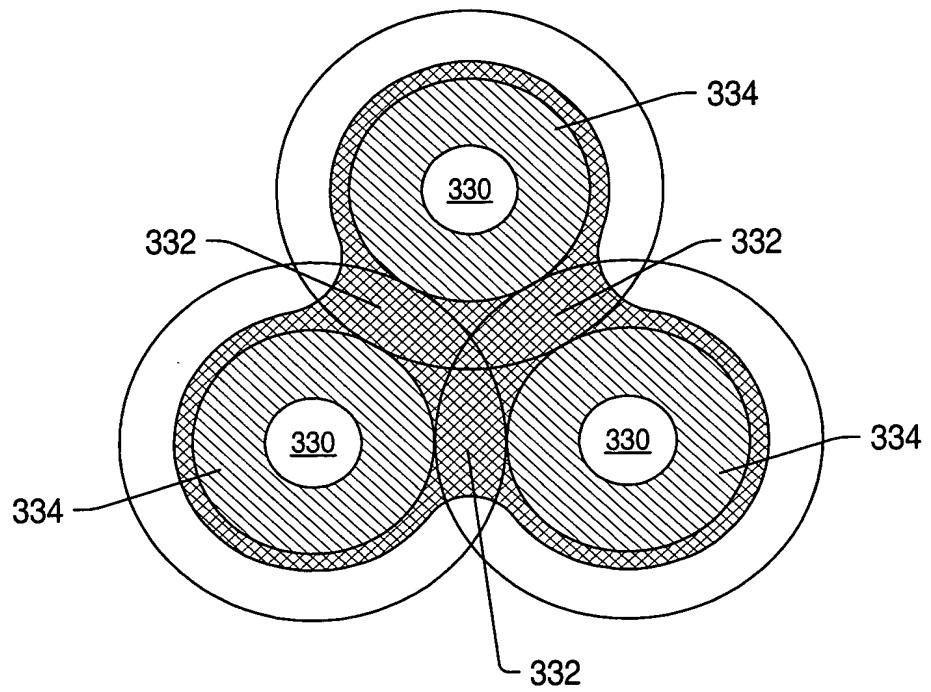


FIG. 7

FIG. 8

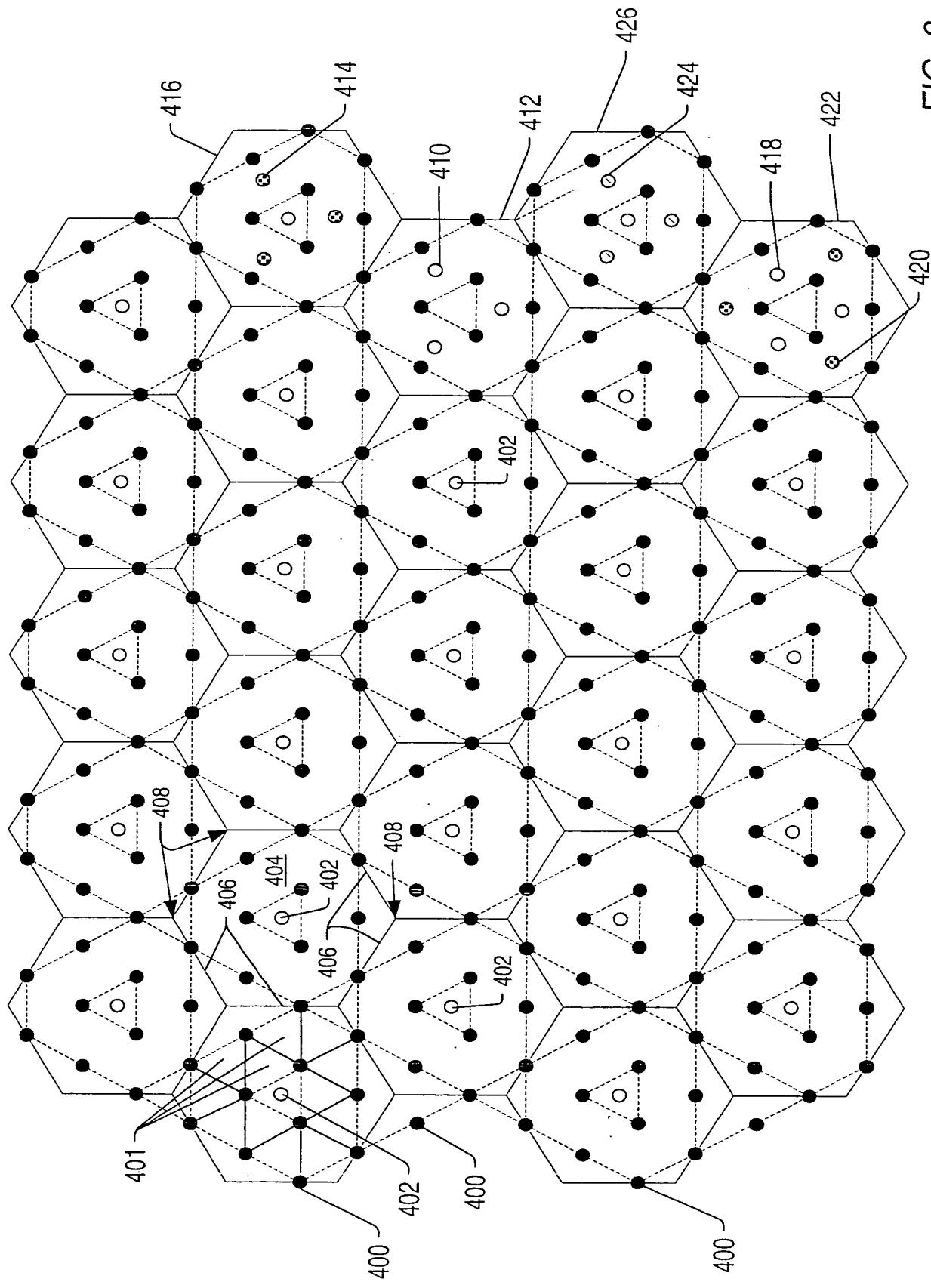
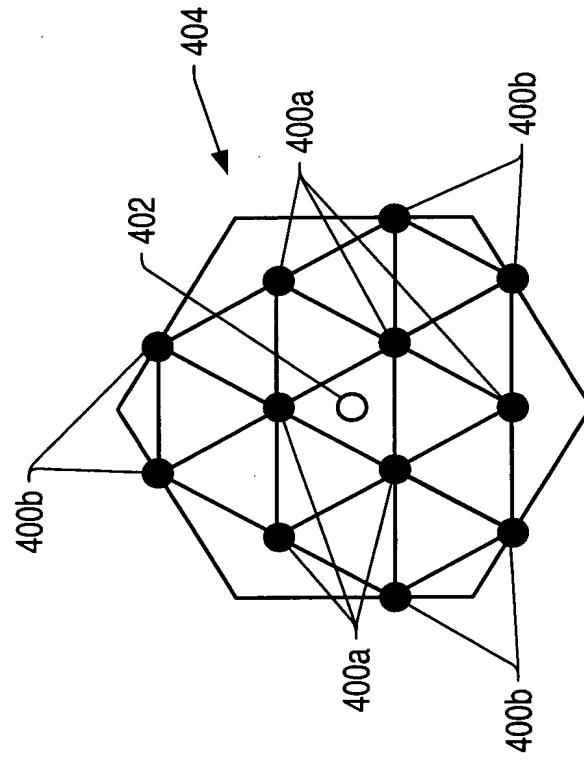


FIG. 9



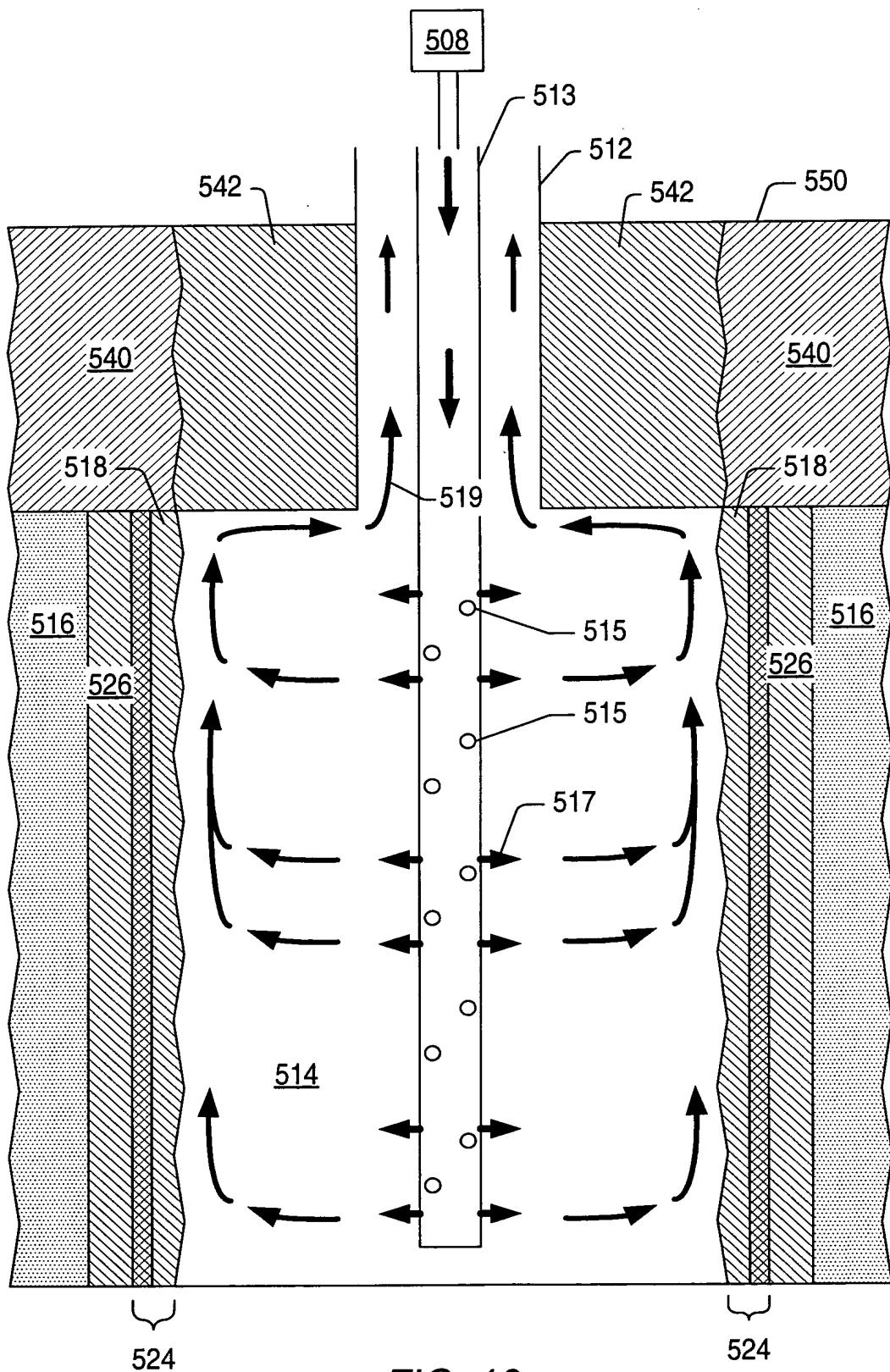


FIG. 10

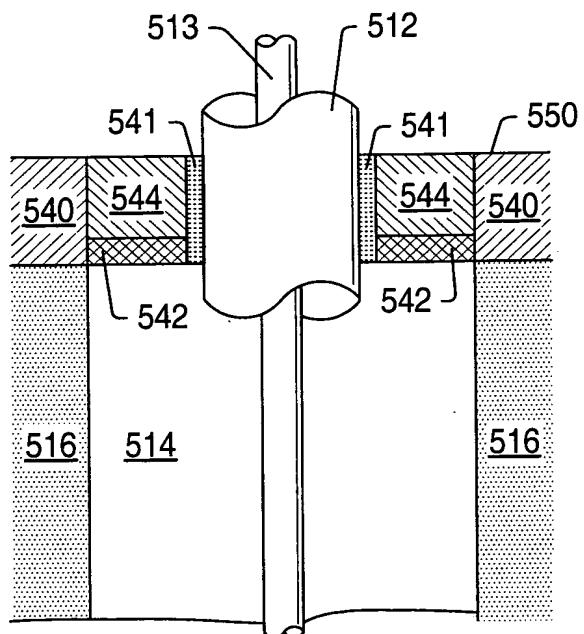


FIG. 11

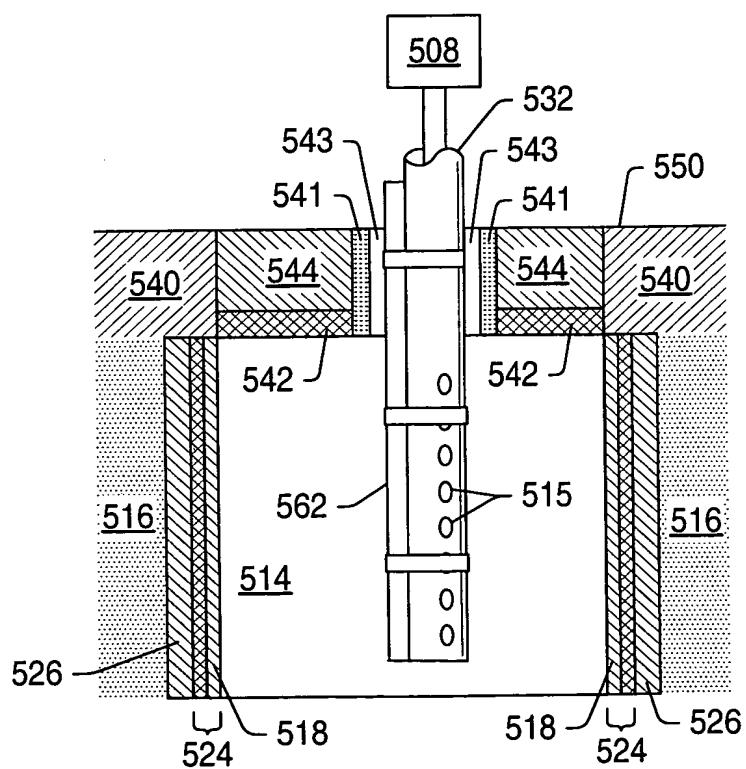


FIG. 12

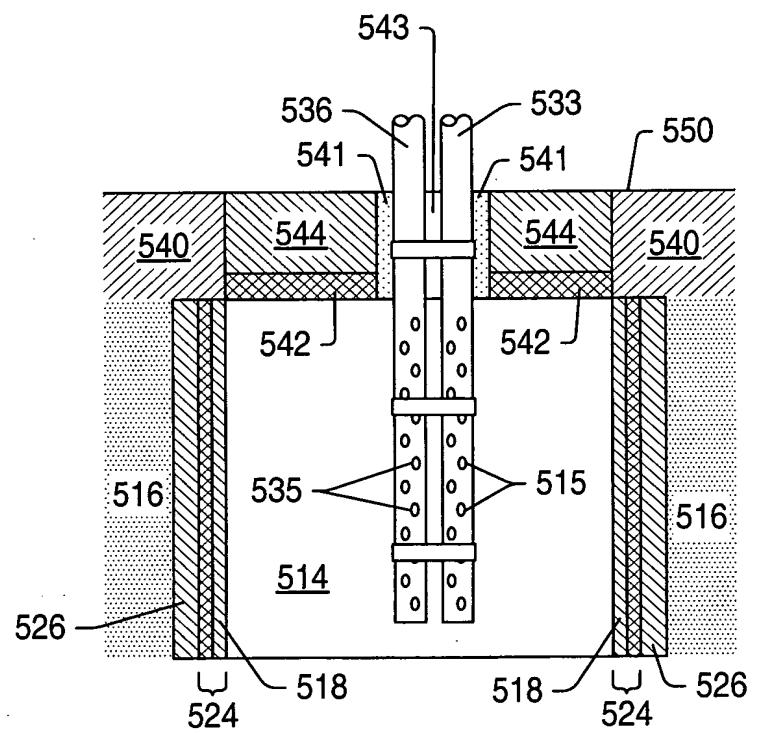


Fig. 13

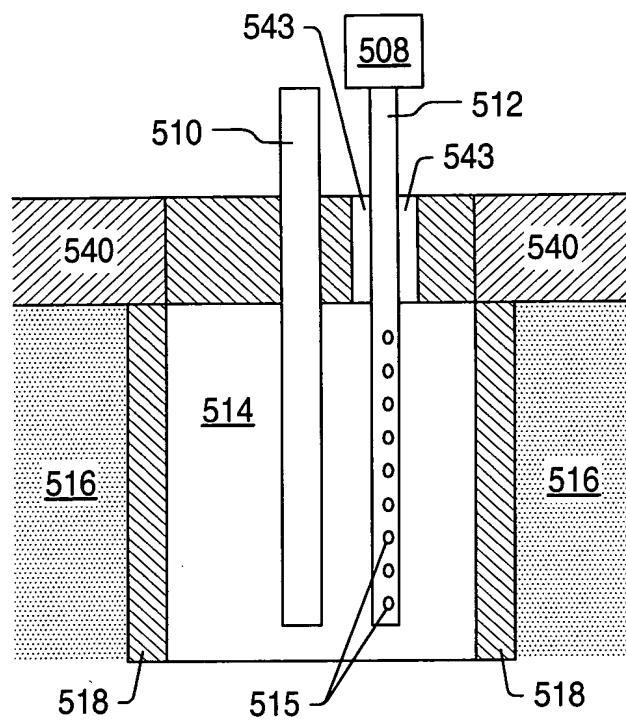


FIG. 14

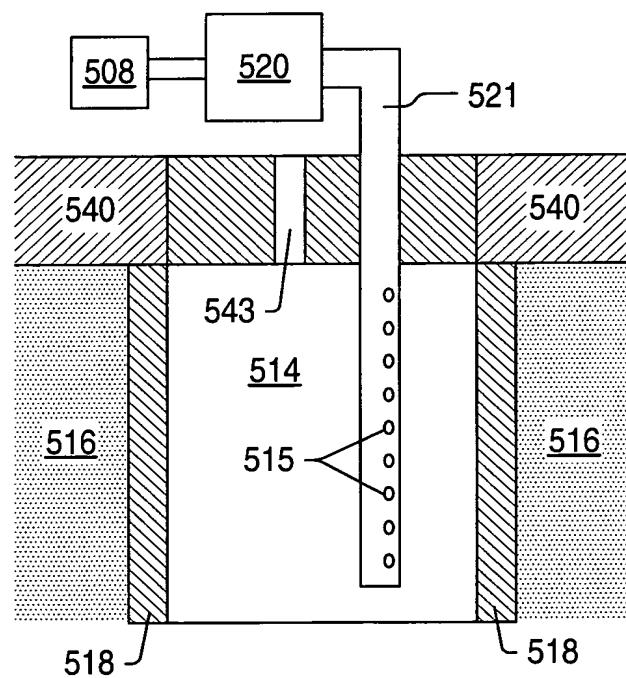


FIG. 15

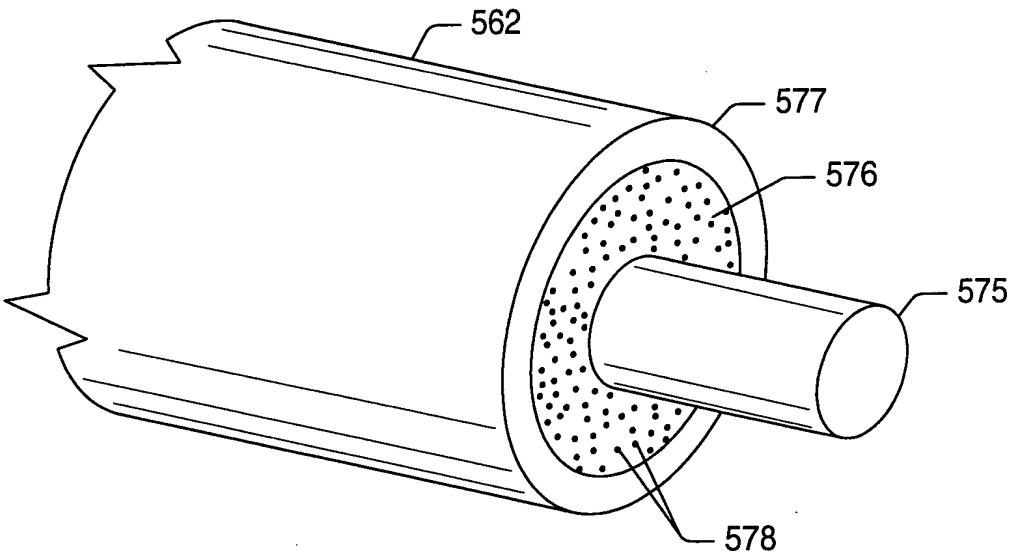


FIG. 16

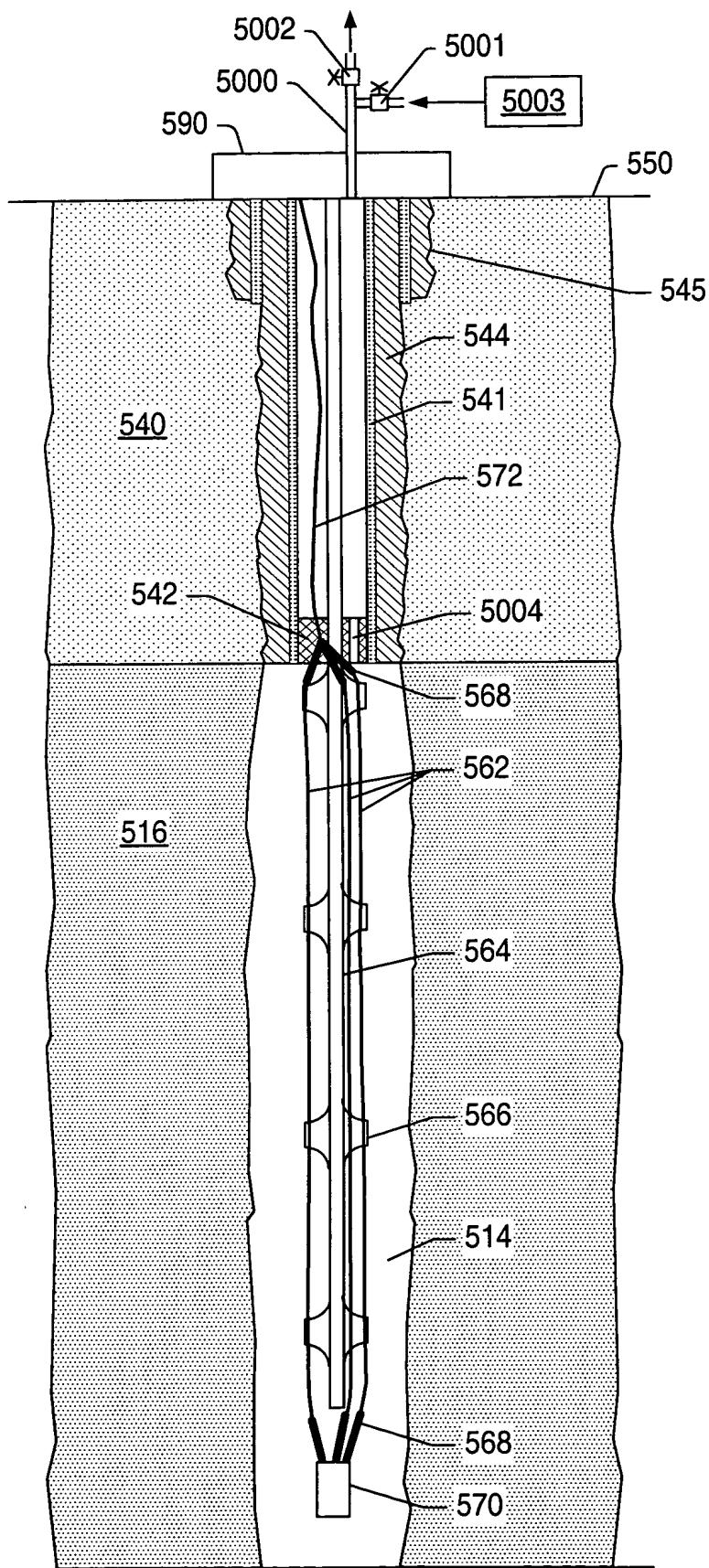


FIG. 17

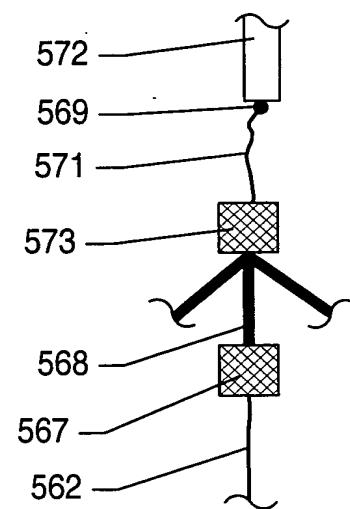


FIG. 17A

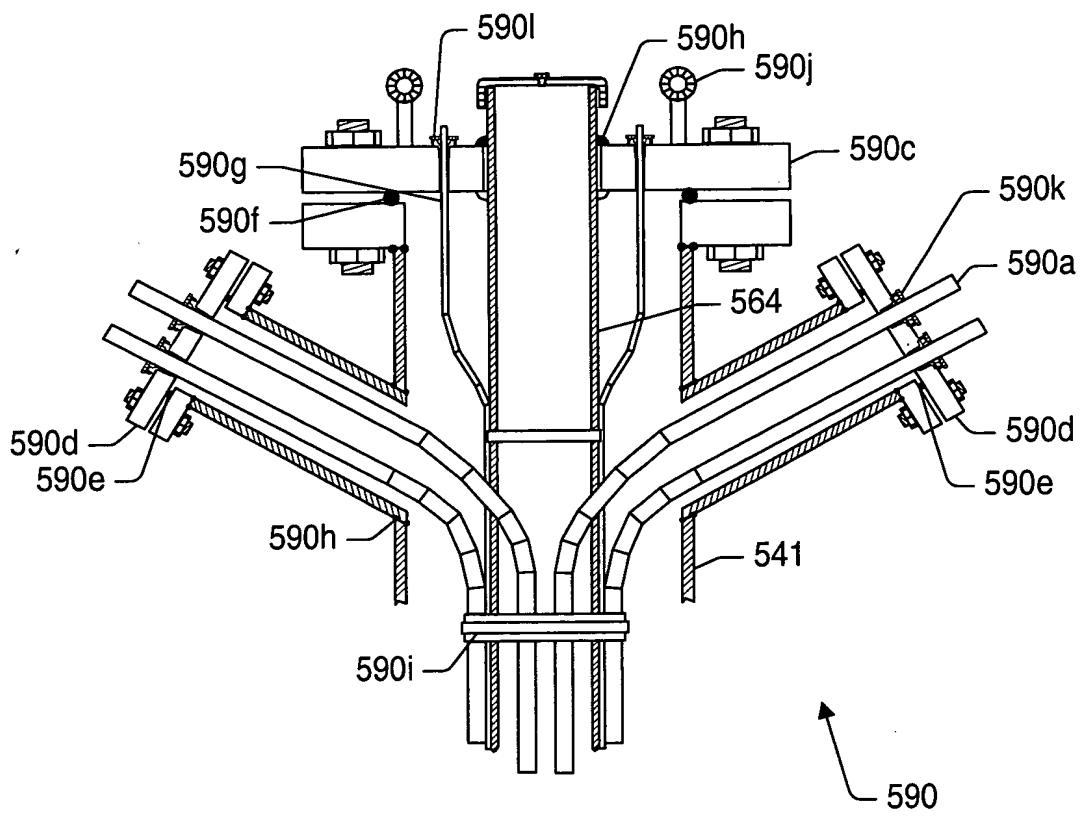


FIG. 18

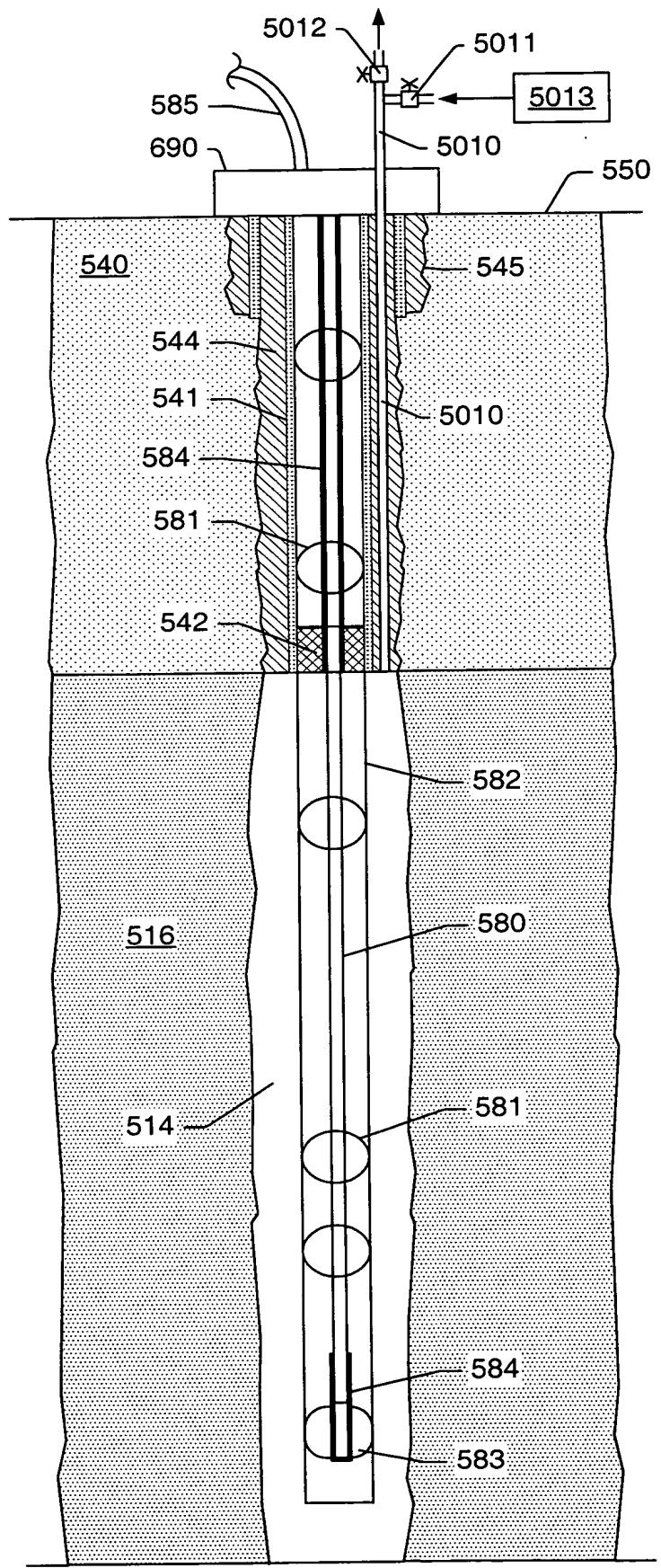


FIG. 19

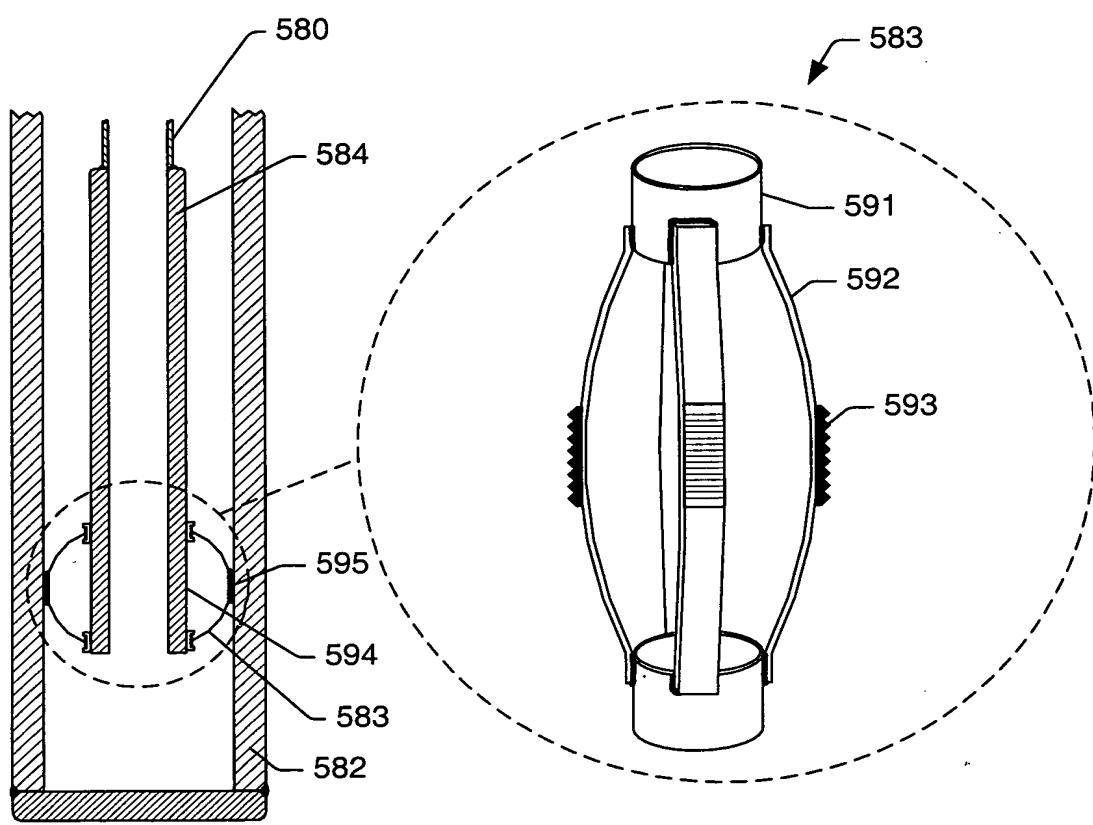


FIG. 20

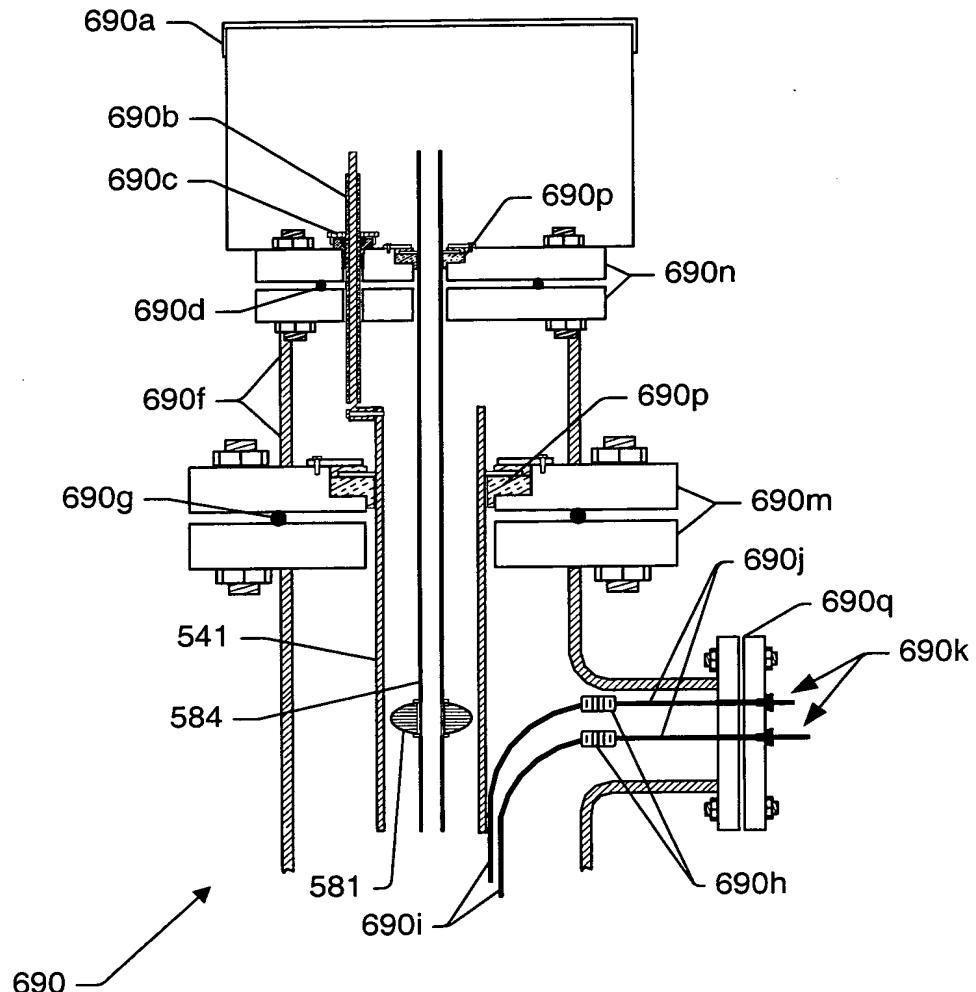


FIG. 21

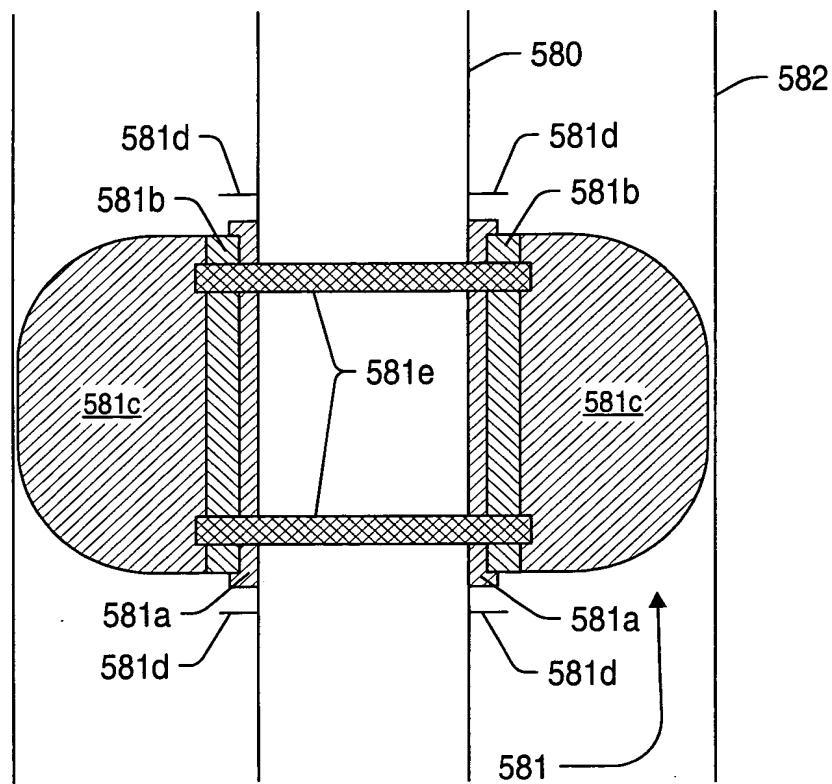


FIG. 22

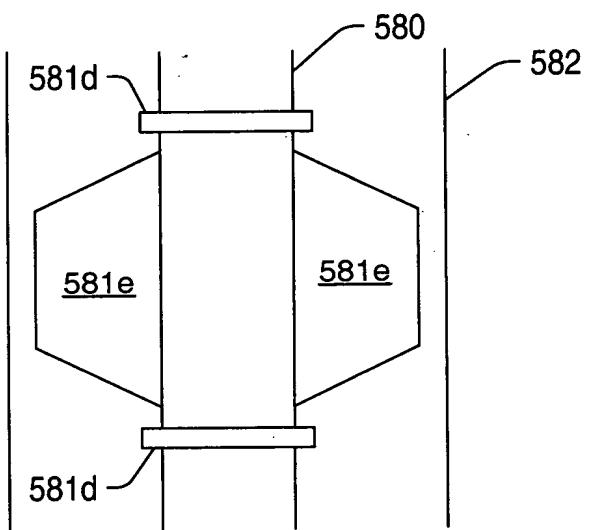


FIG. 23a

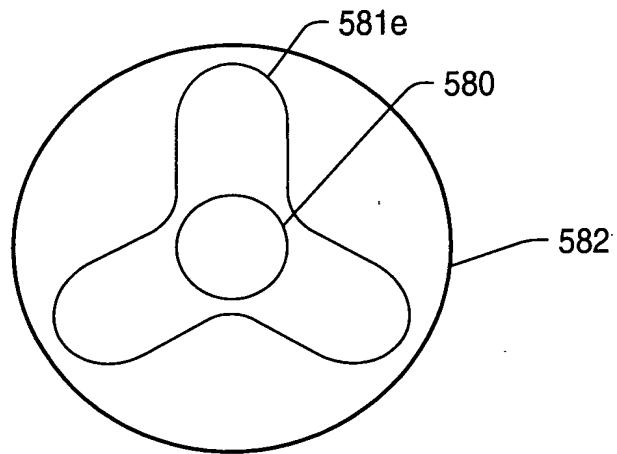


FIG. 23b

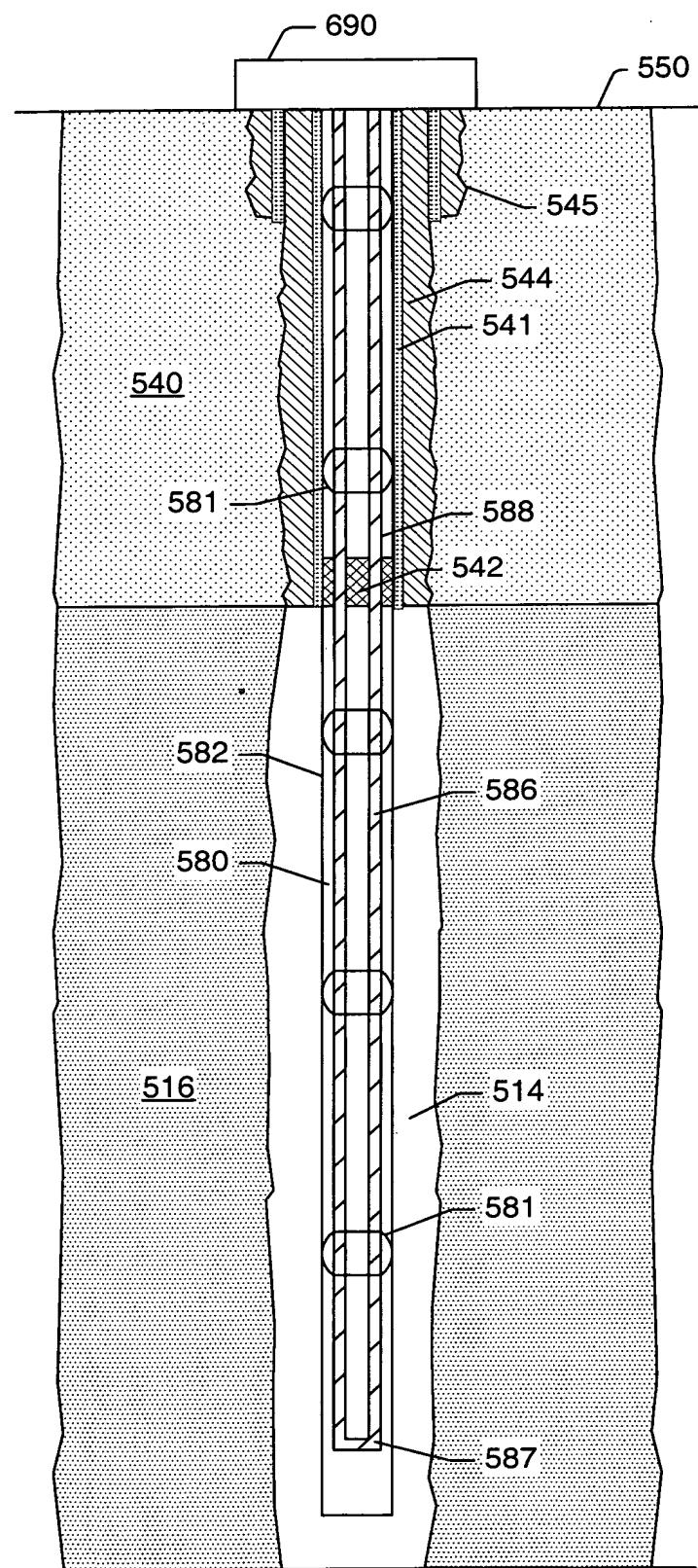


Fig. 24

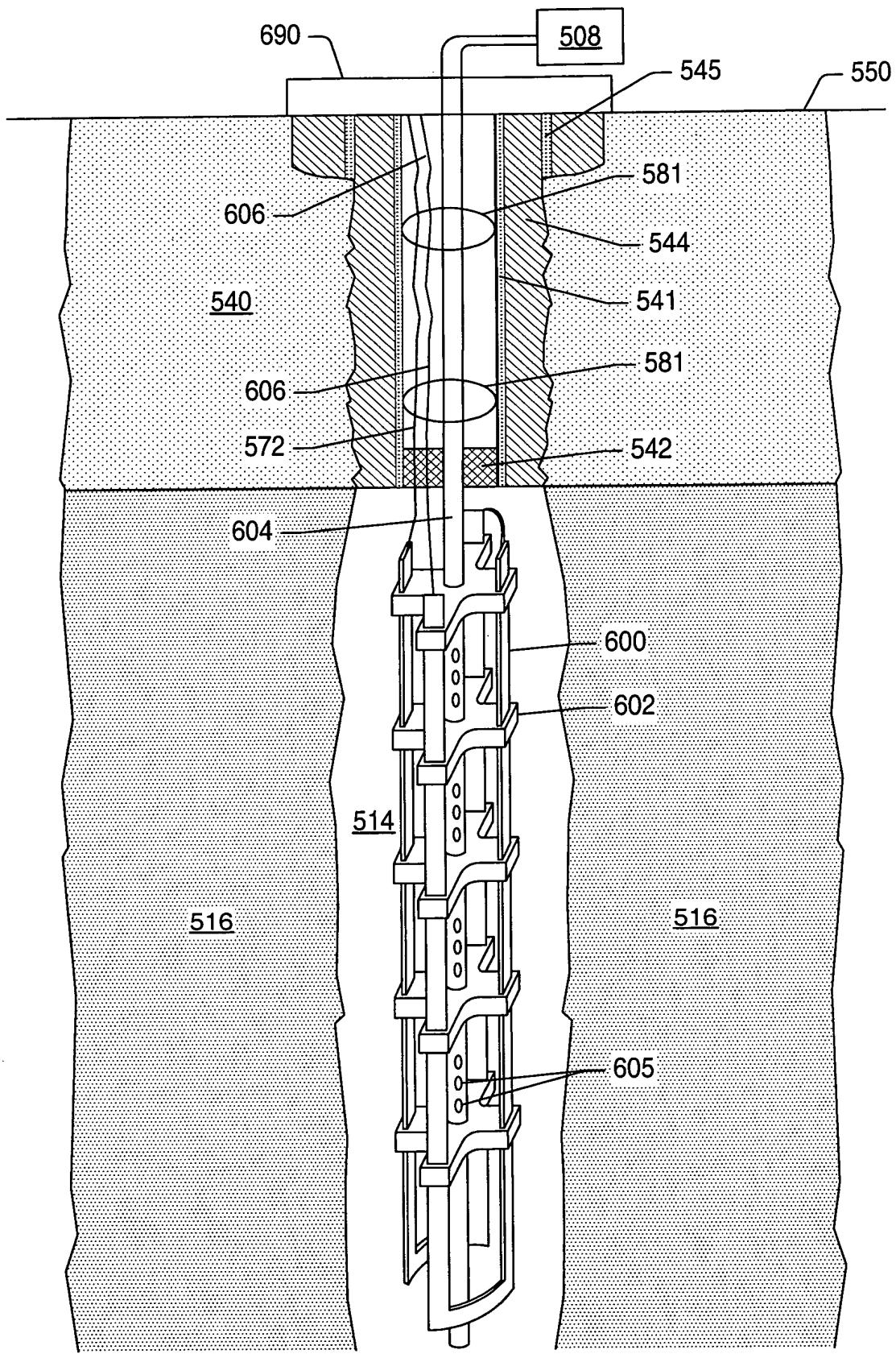


FIG. 25

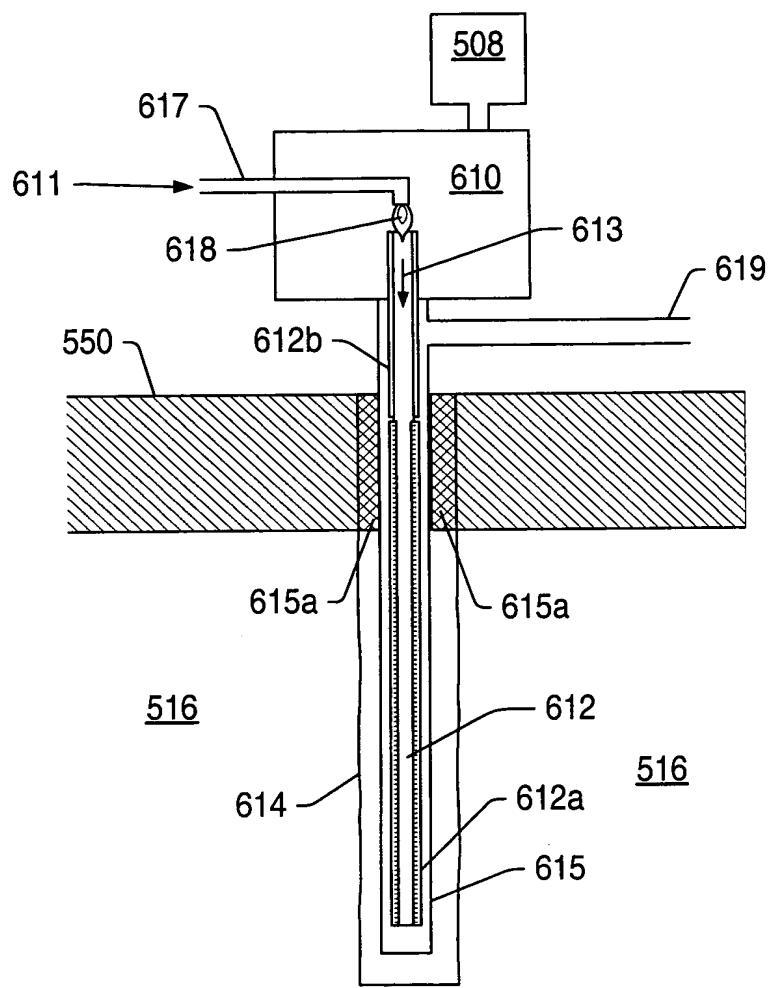


FIG. 26

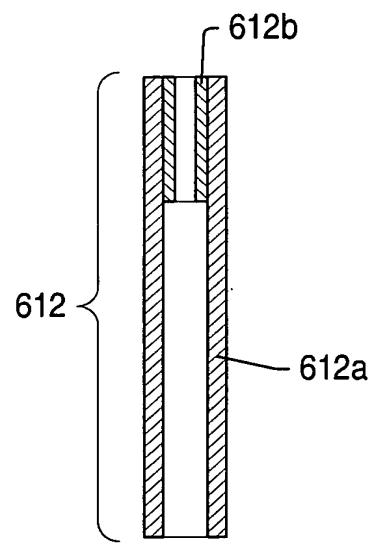


FIG. 27

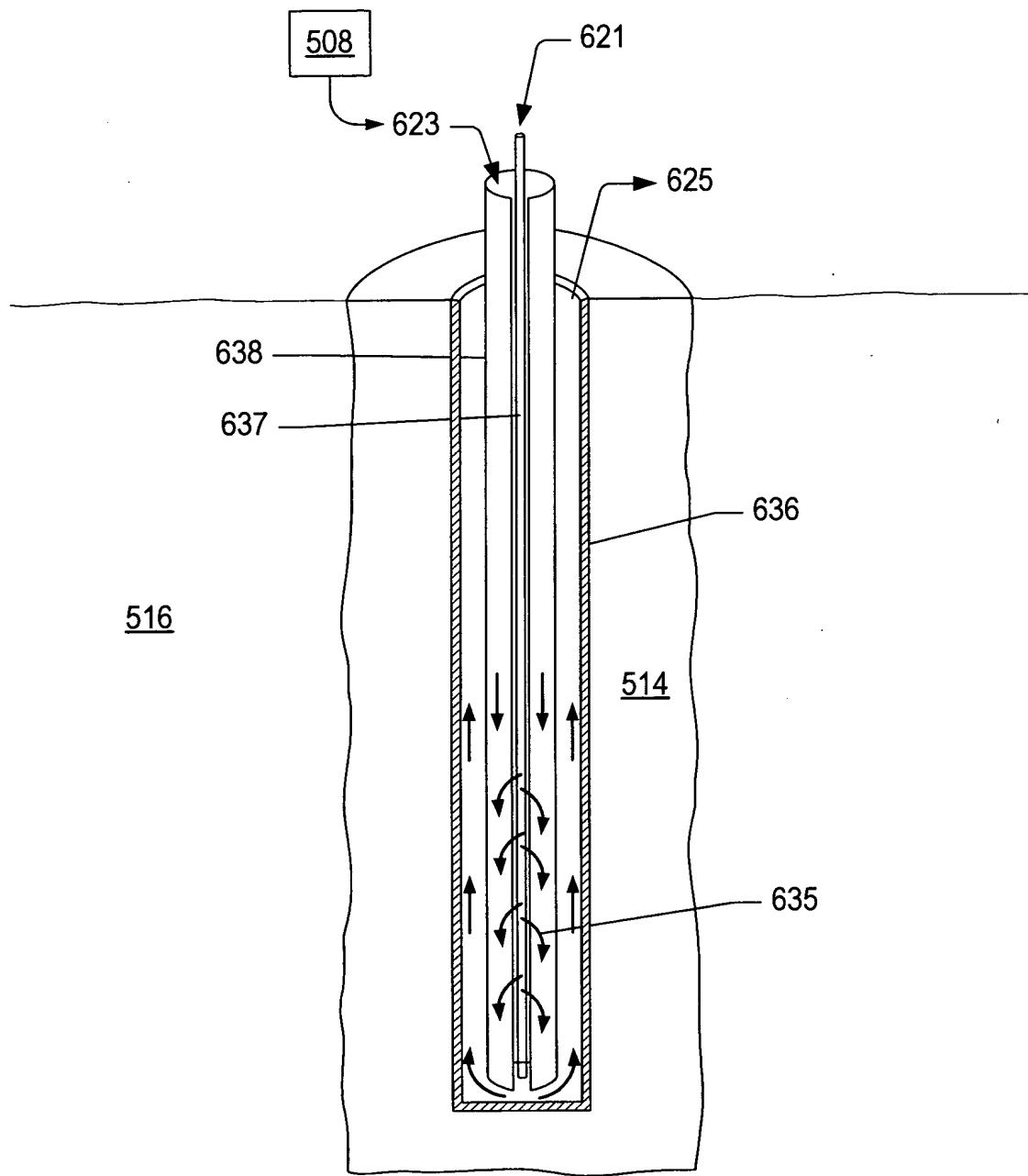


FIG. 28

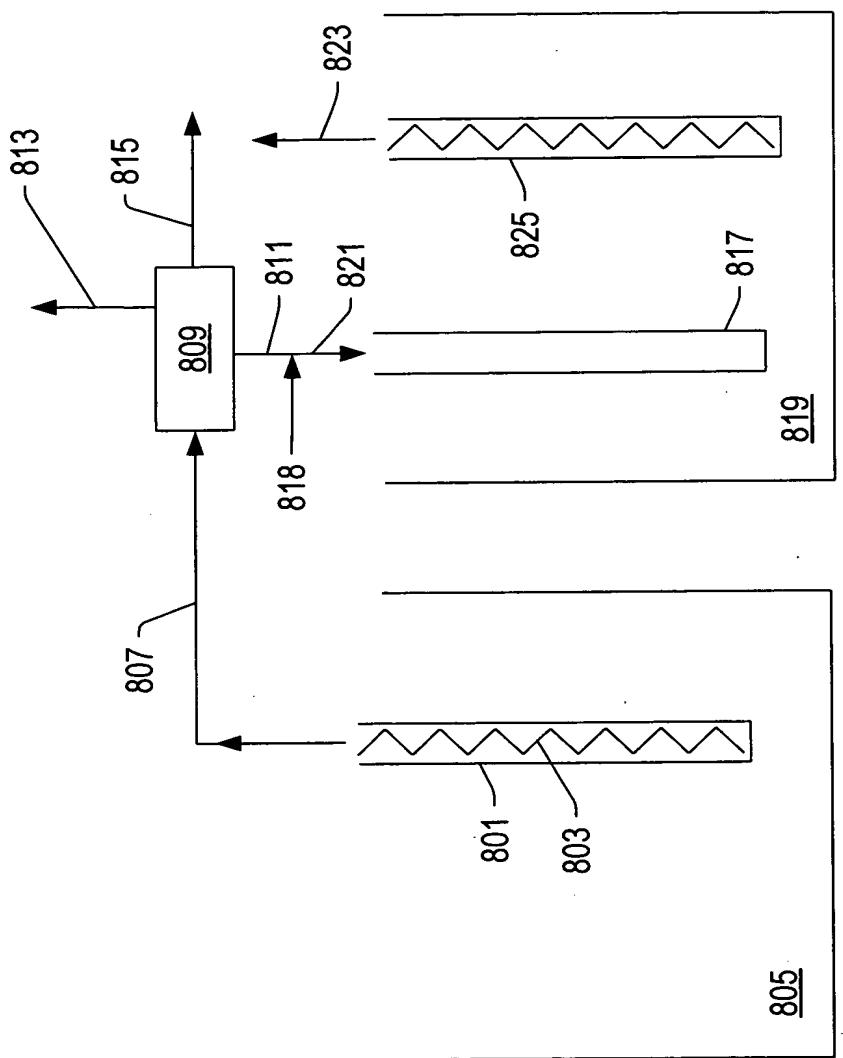
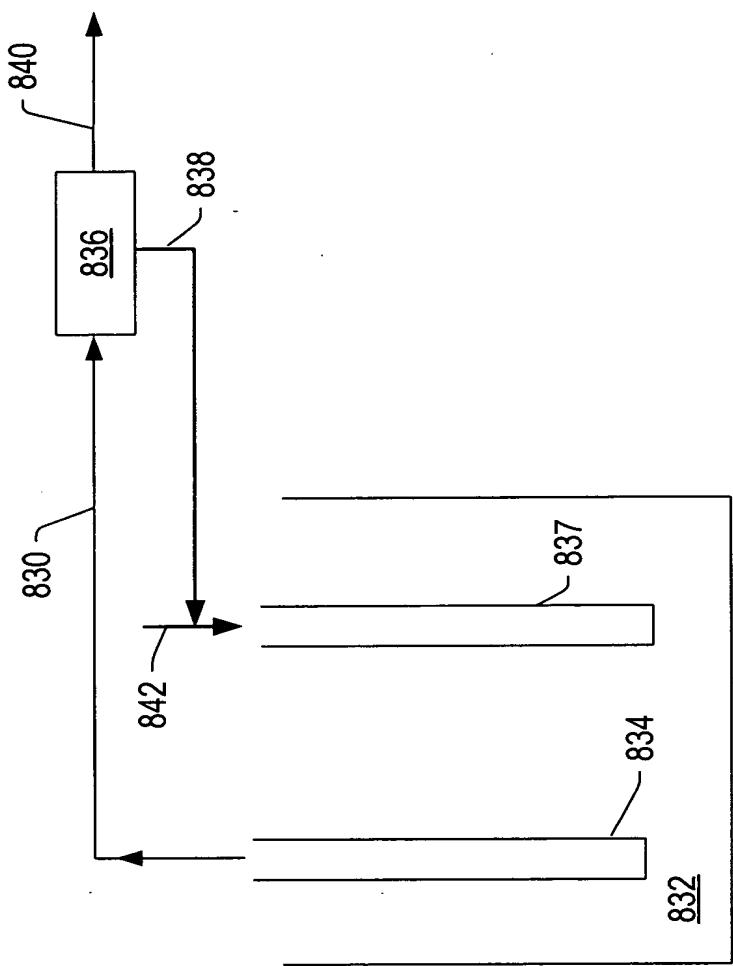


FIG. 29

FIG. 30



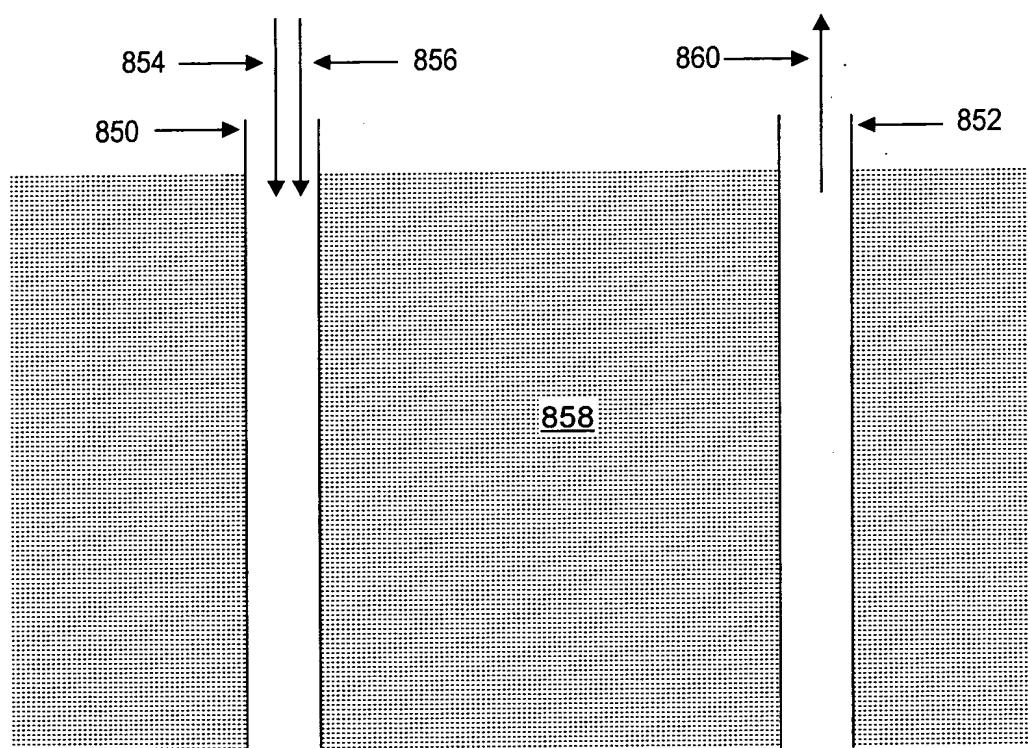


FIG. 31

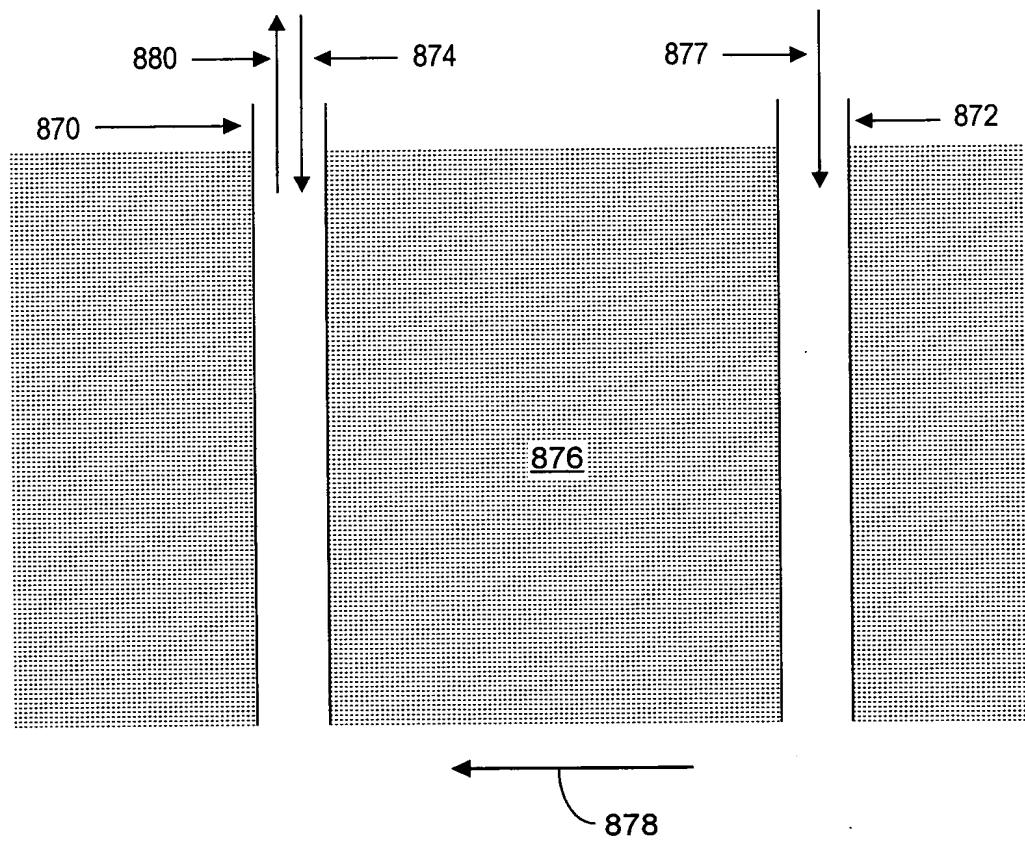


FIG. 32

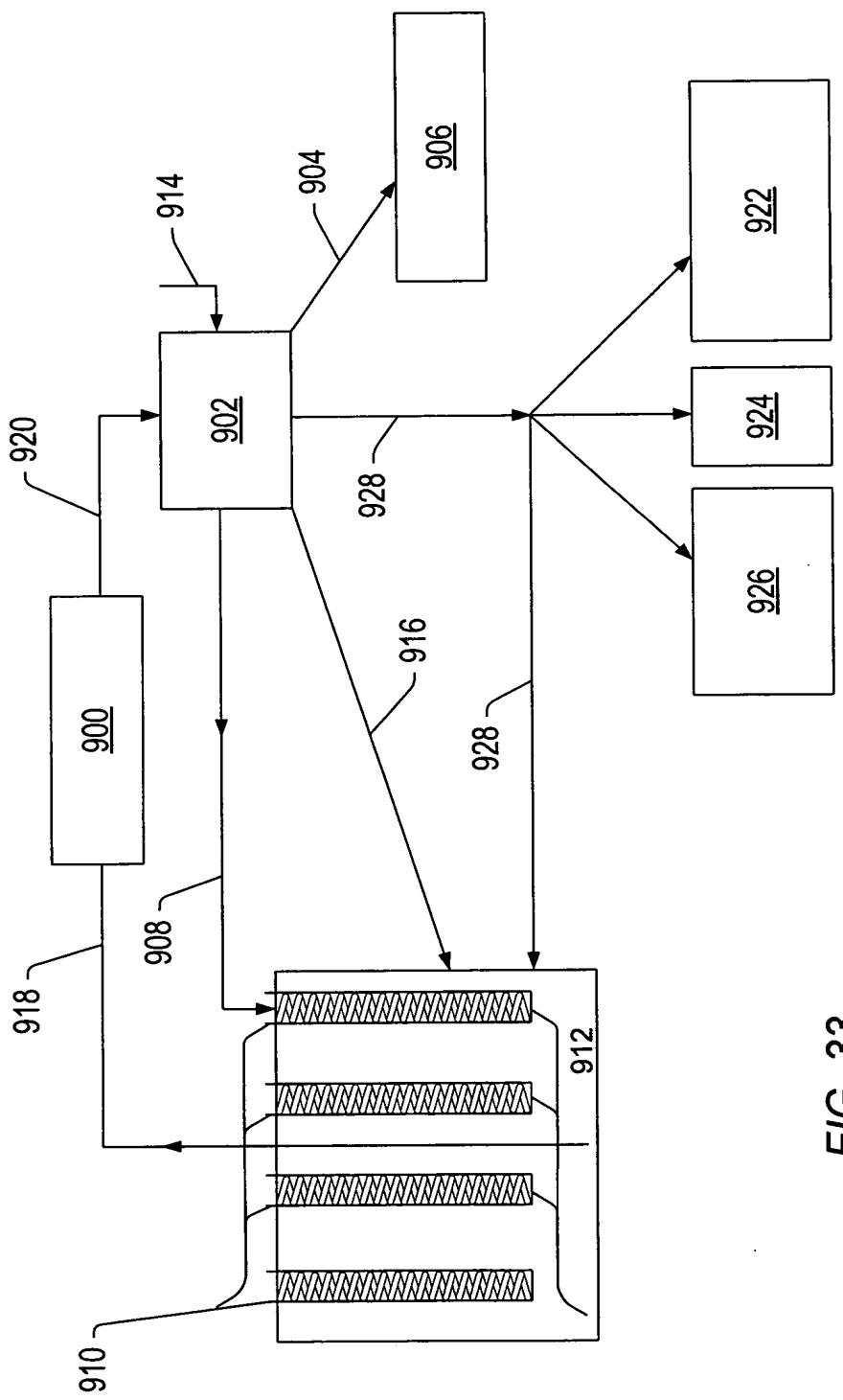


FIG. 33

FIG. 34

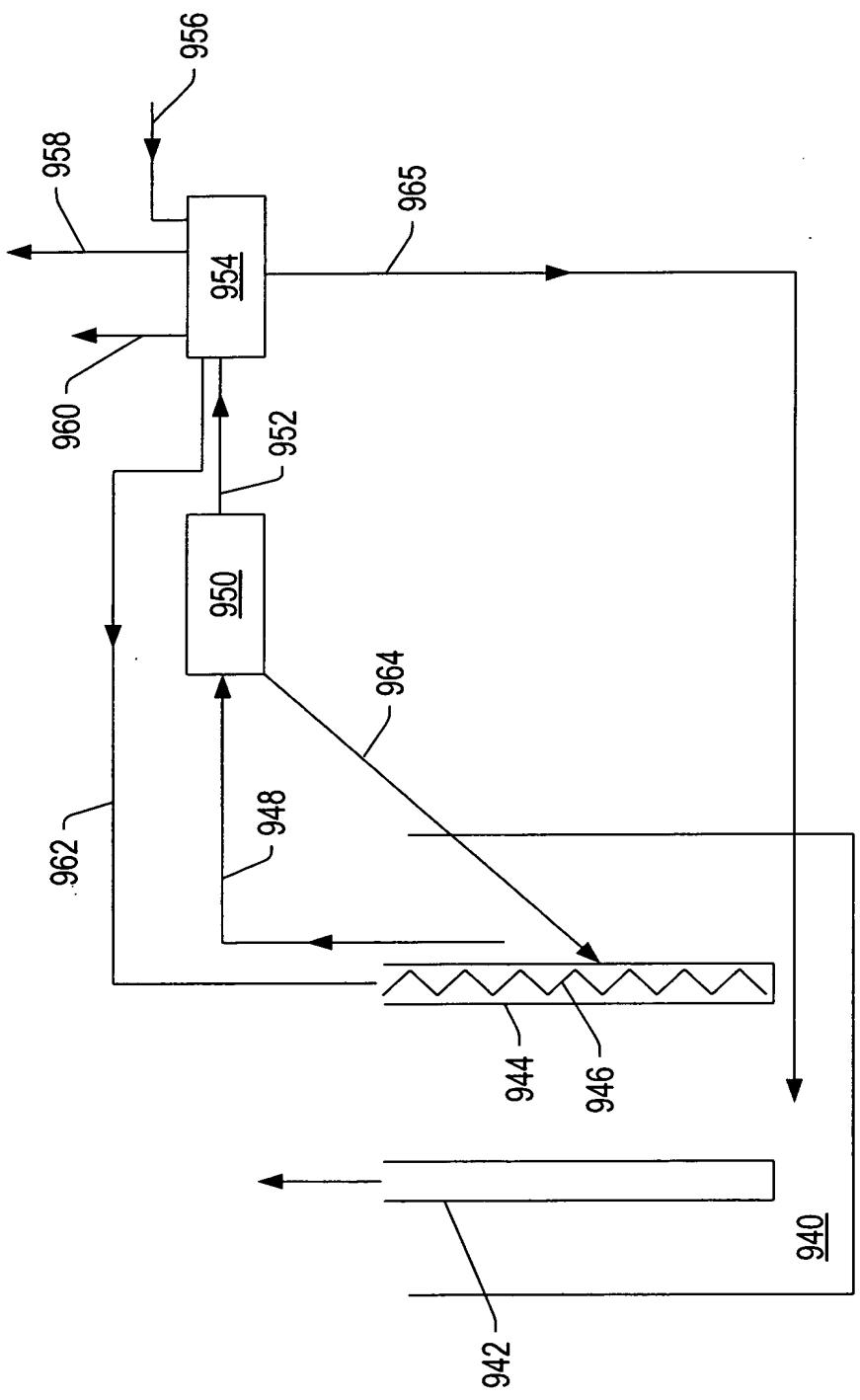
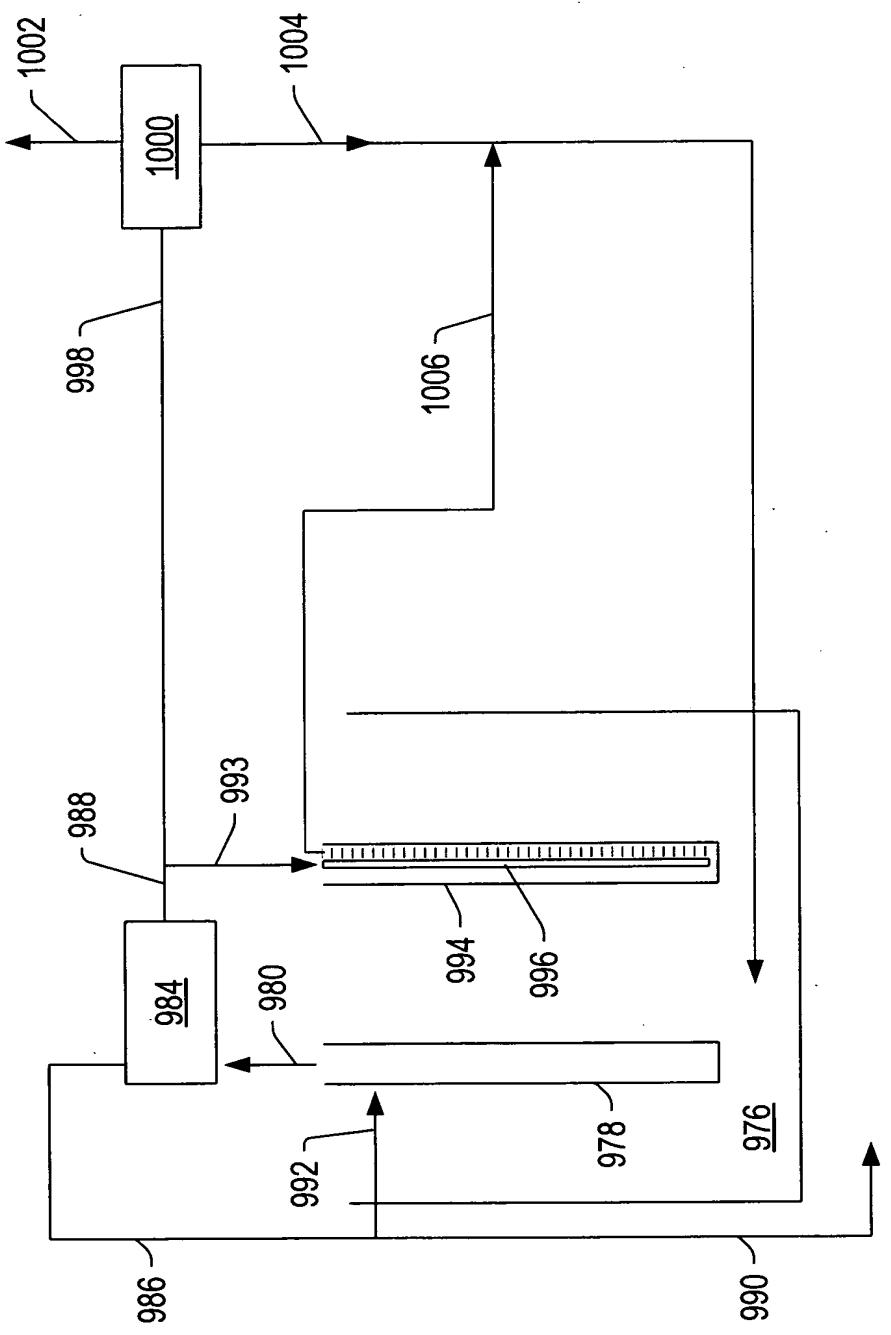


FIG. 35



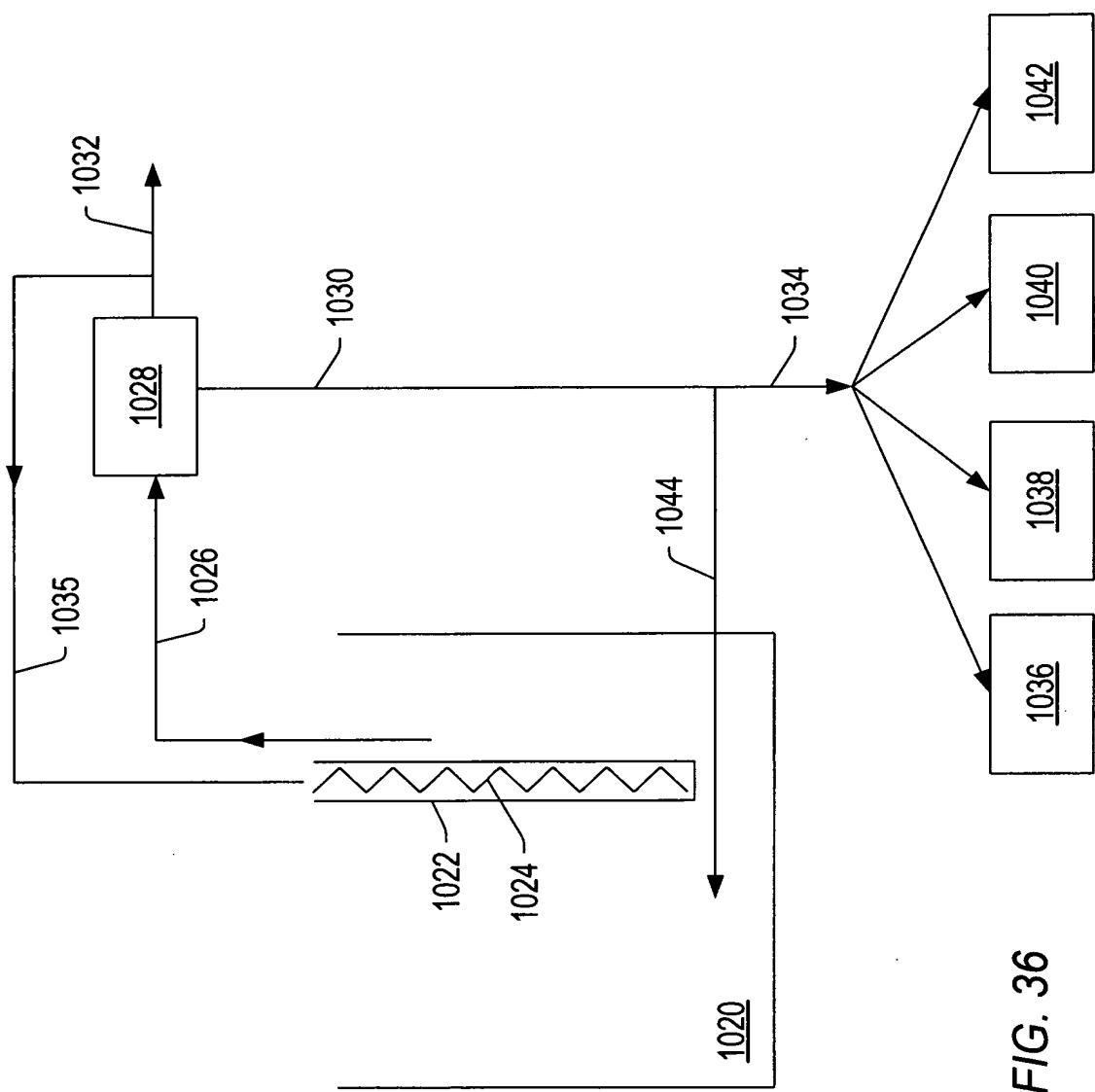
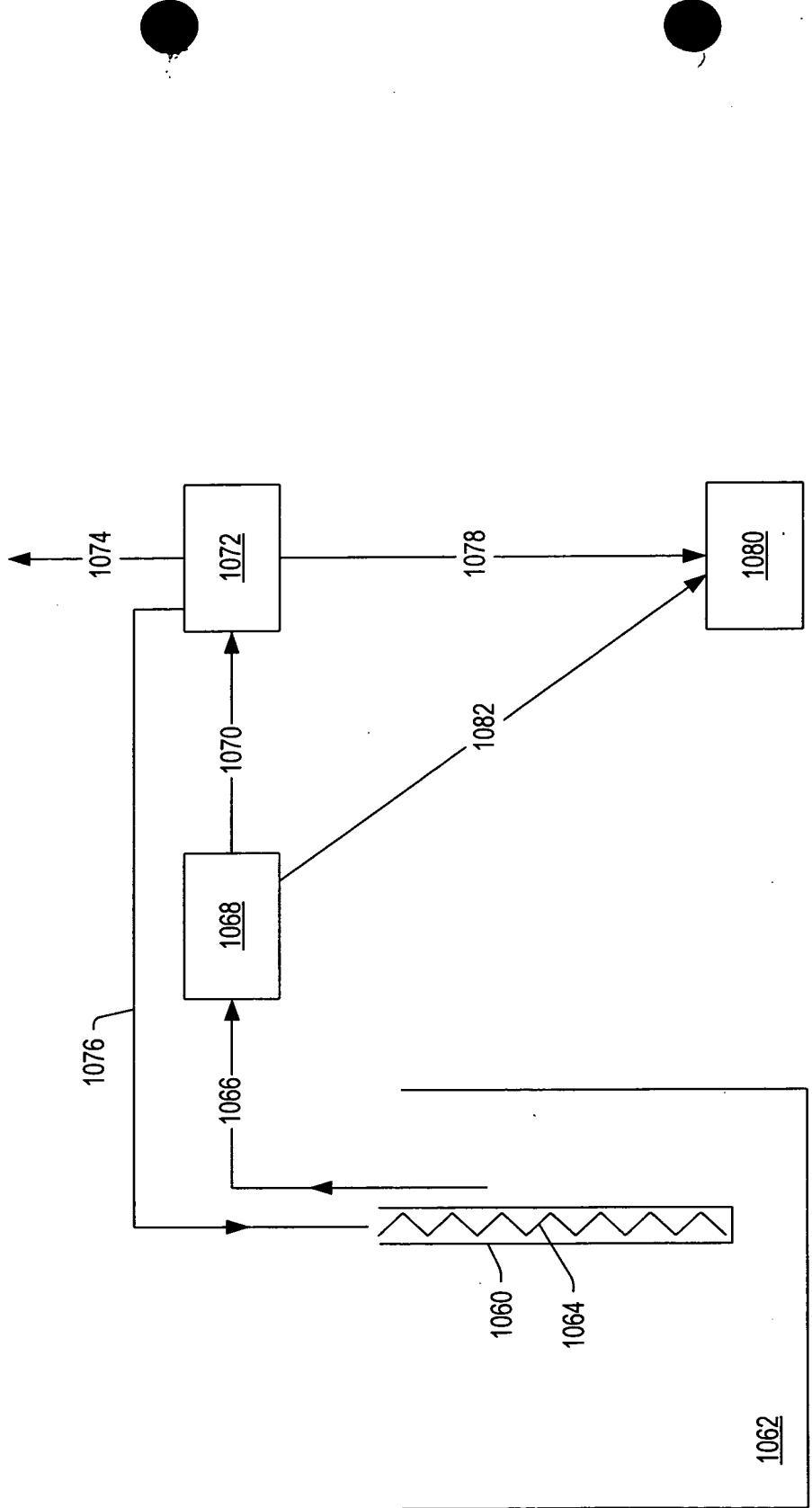


FIG. 36

FIG. 37

1076 1074 1072 1078 1080 1068 1070 1082 1066 1060 1064 1062



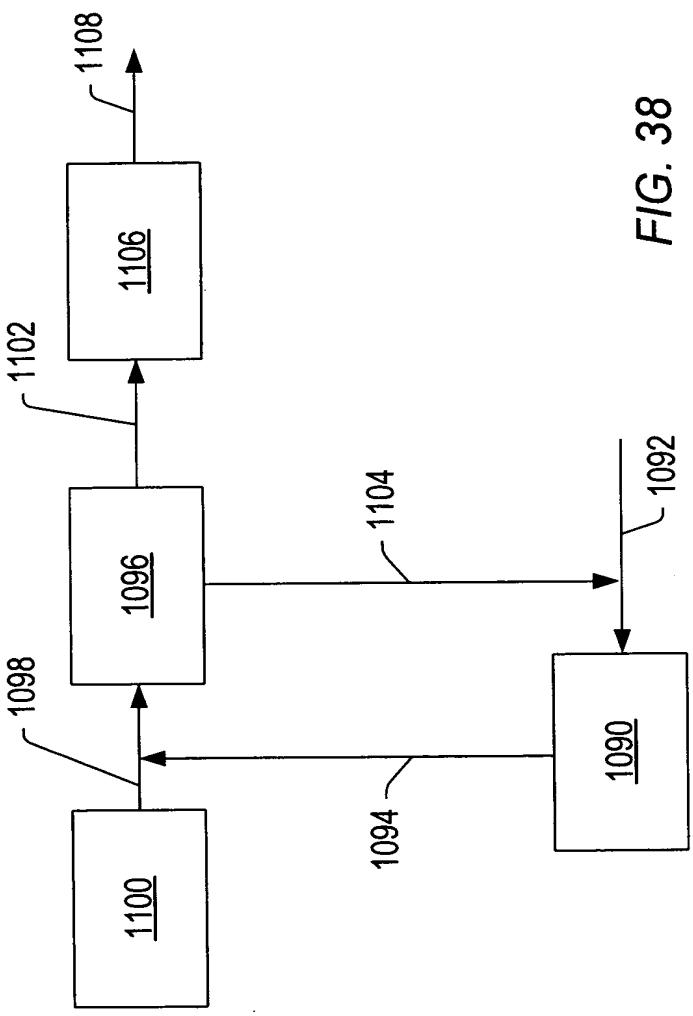


FIG. 38

FIG. 39

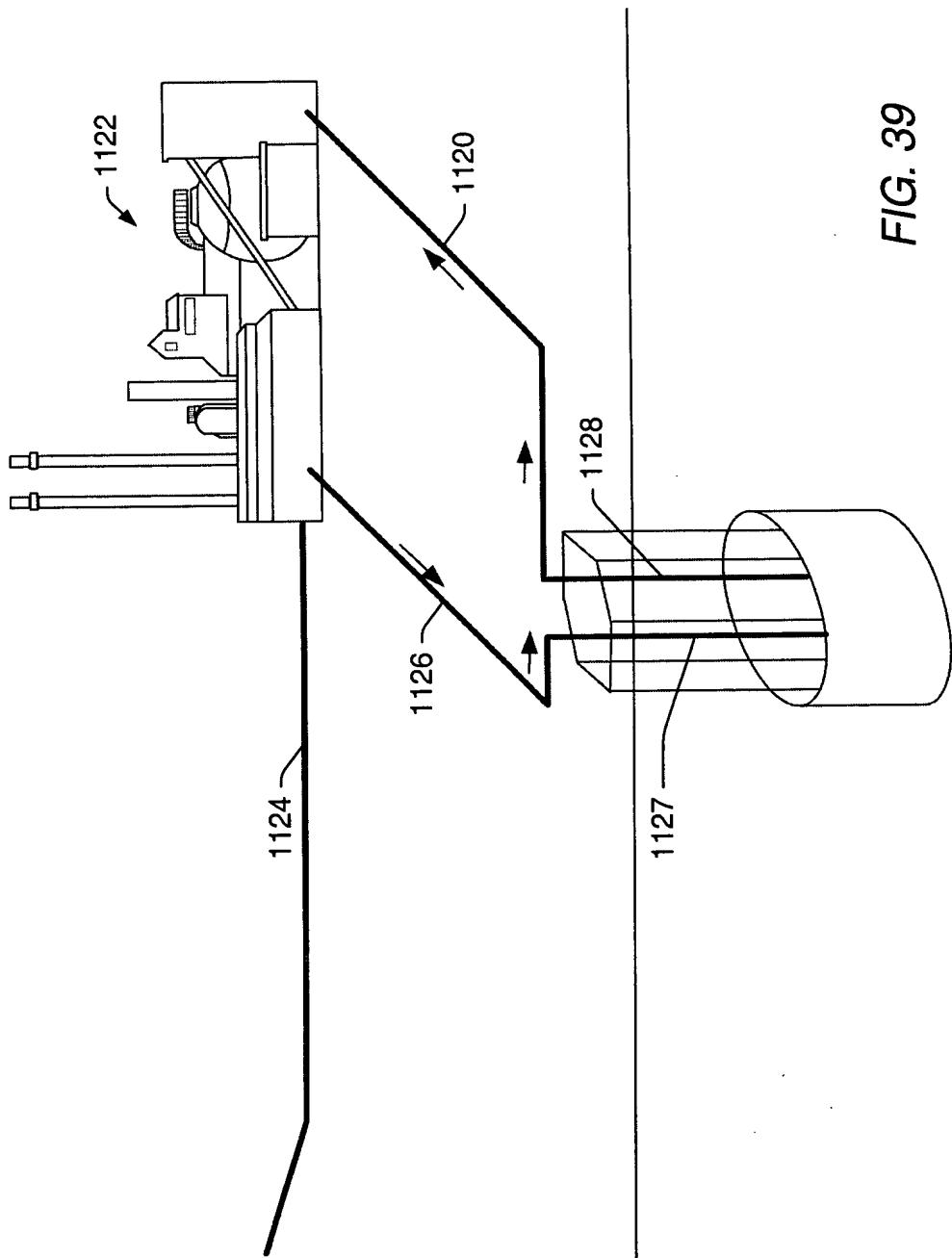
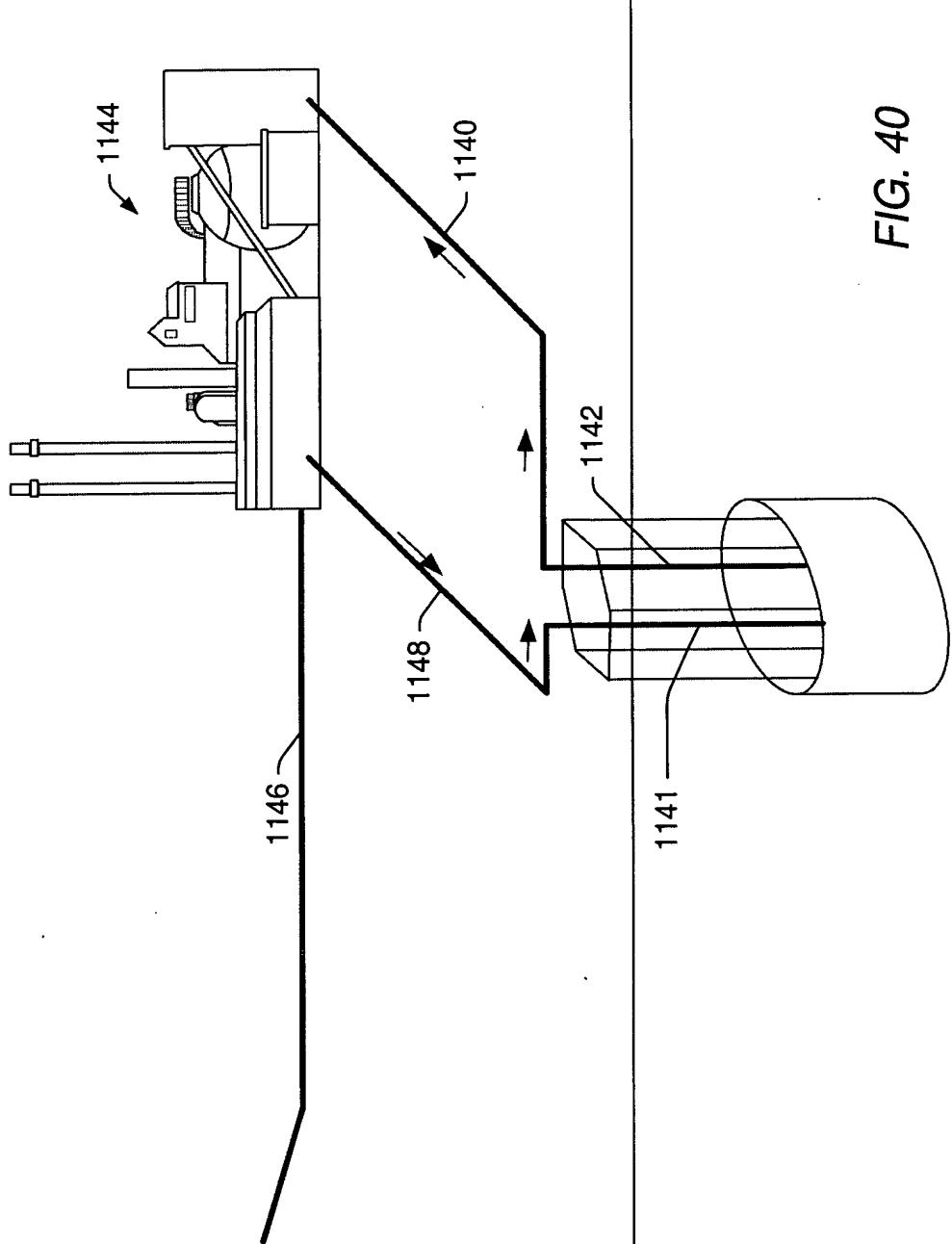


FIG. 40



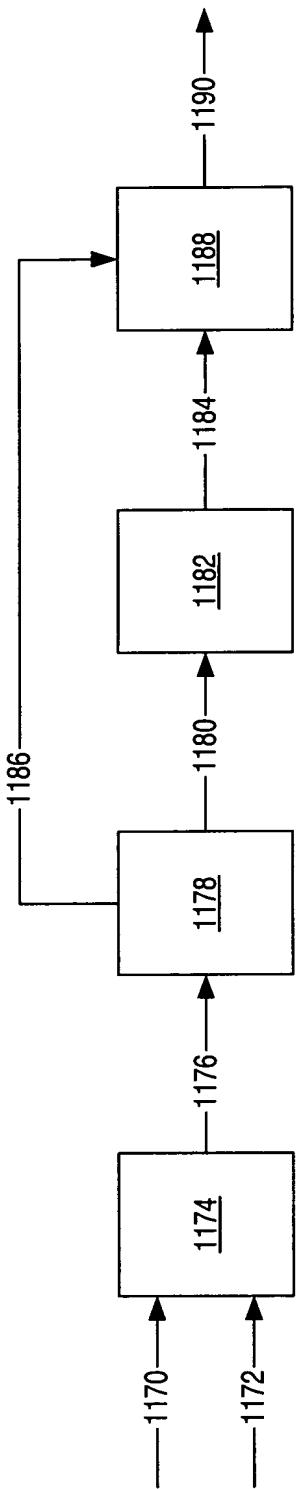


FIG. 41

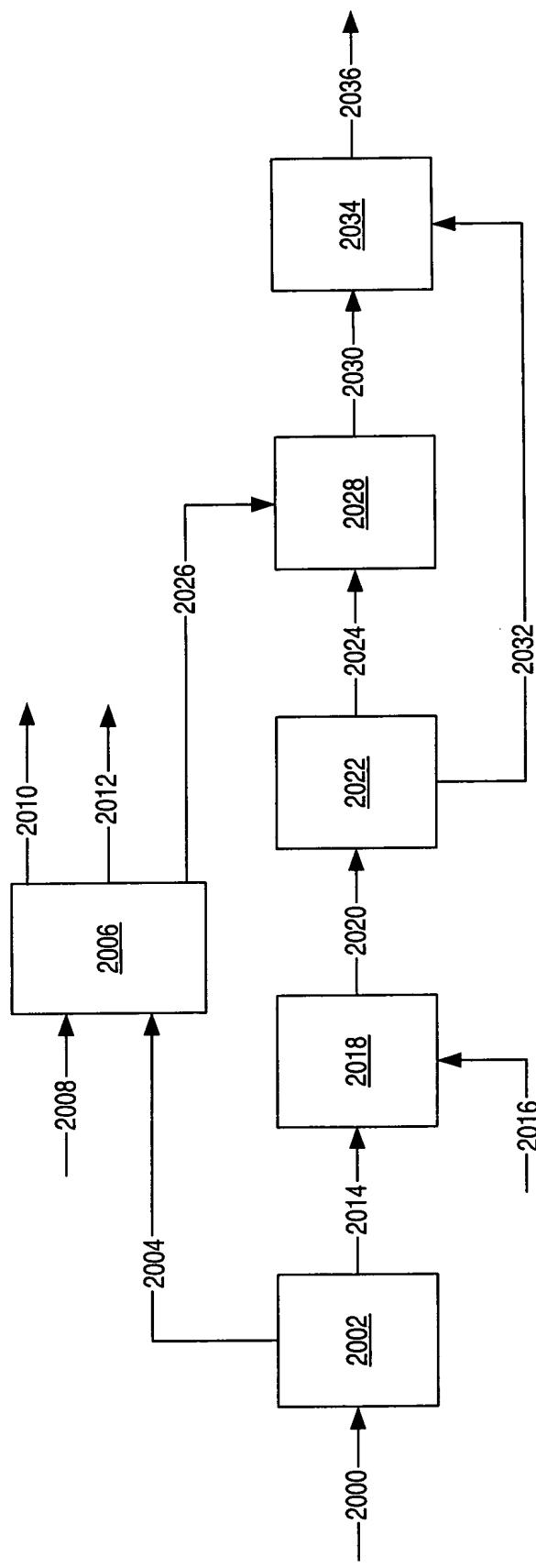


FIG. 42

2060 2062 2064 2066 2068 2070 2072 2074

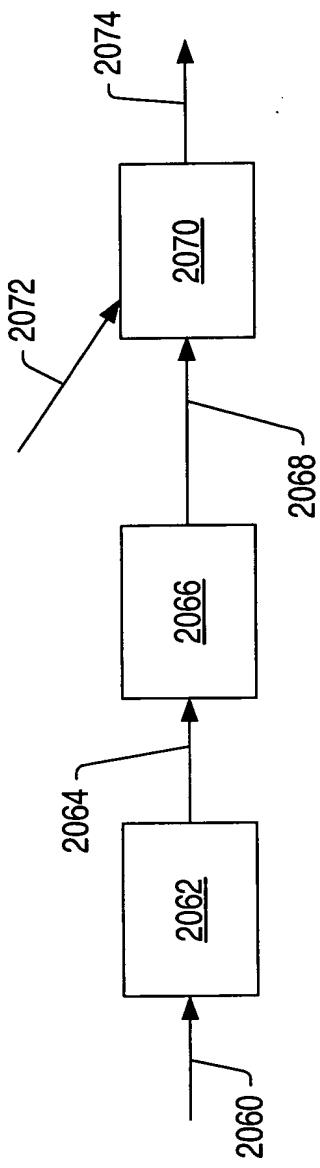


FIG. 43

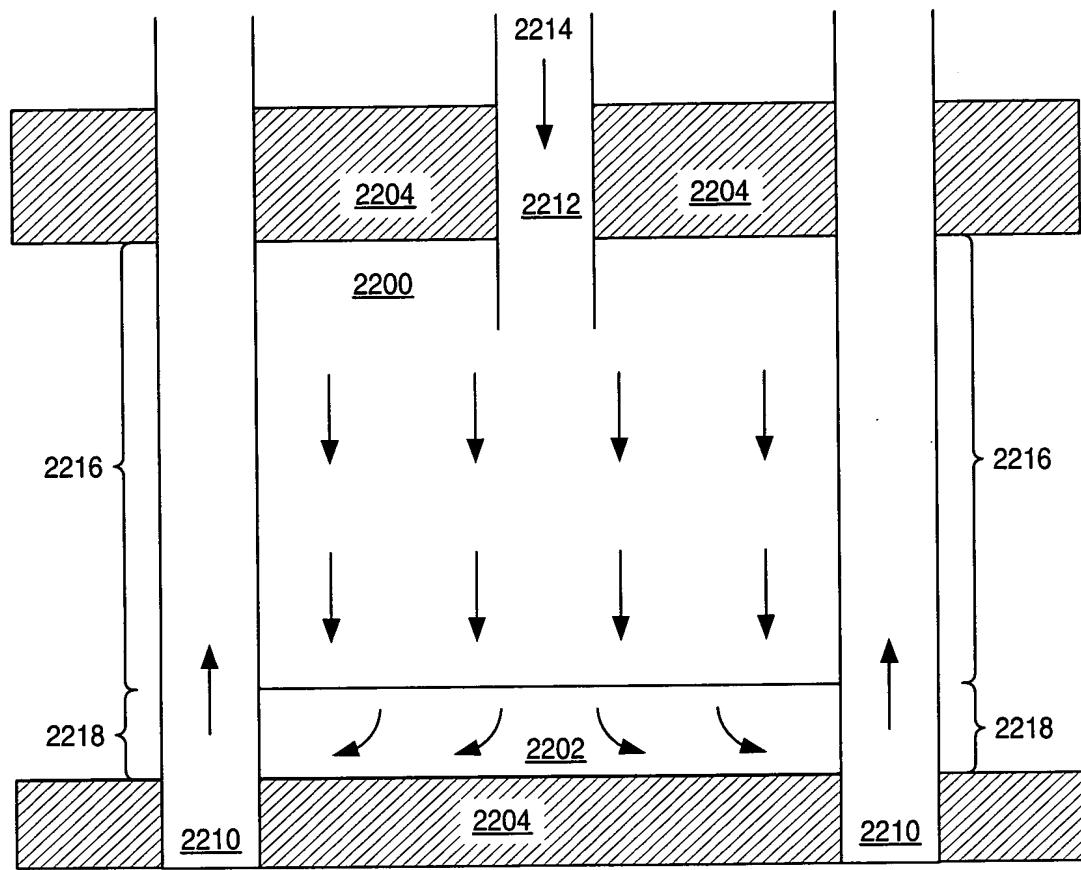


FIG. 44

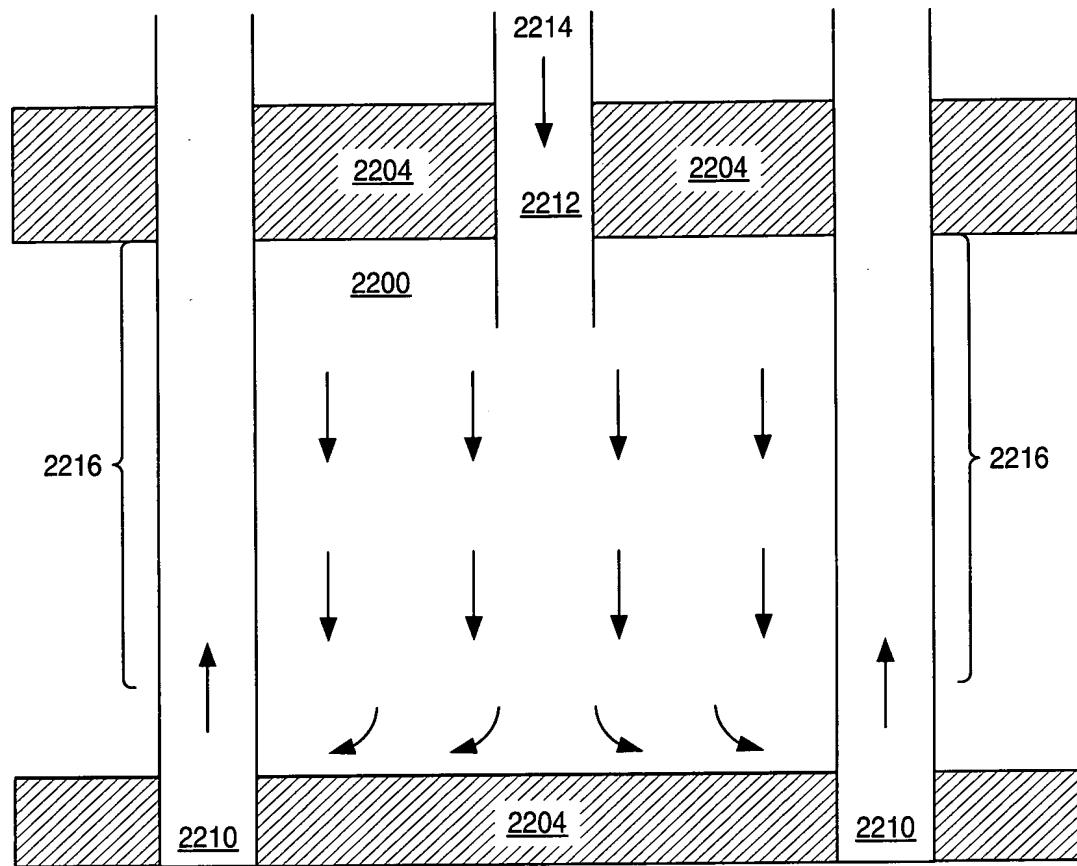


FIG. 45

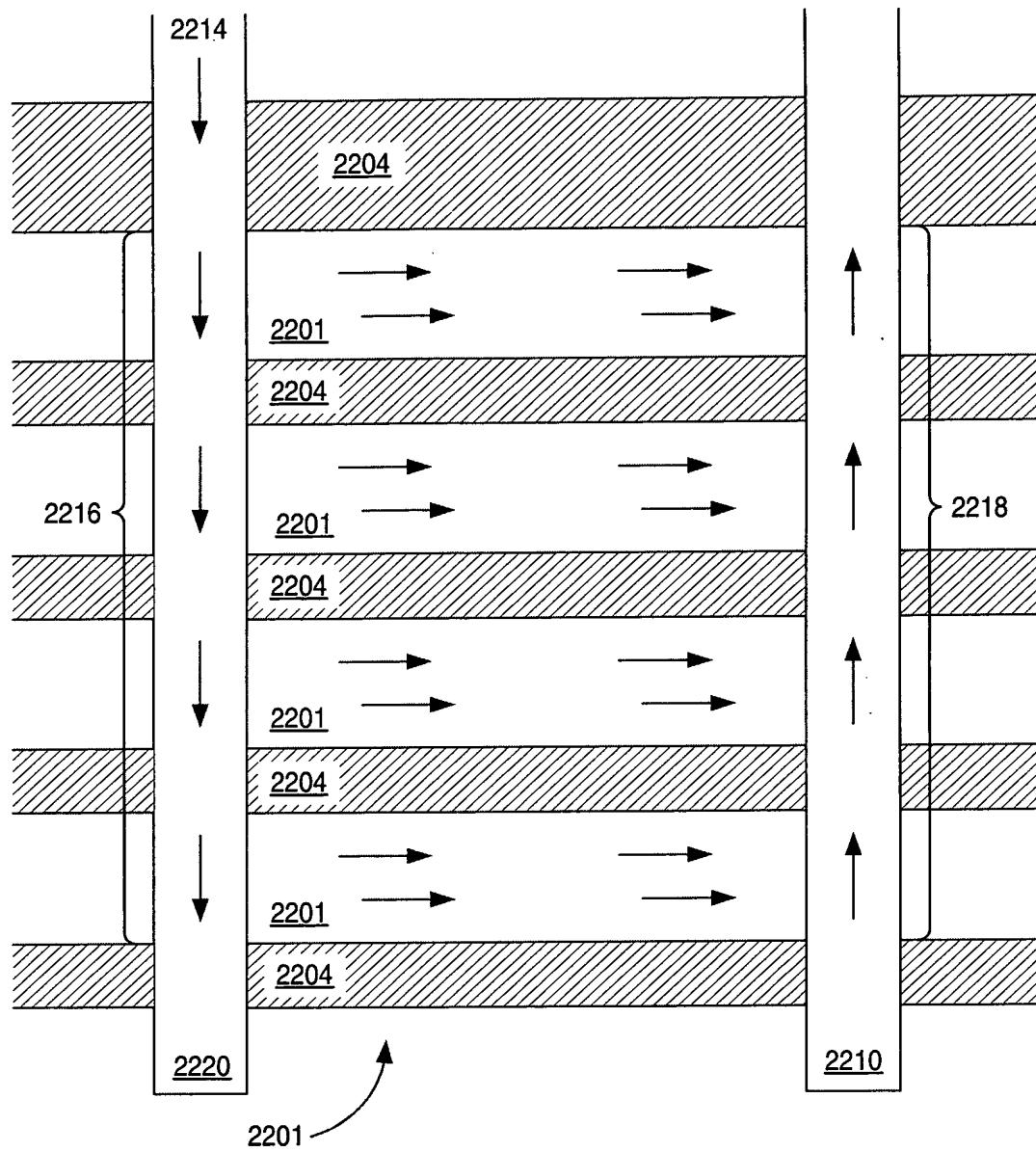


FIG. 46

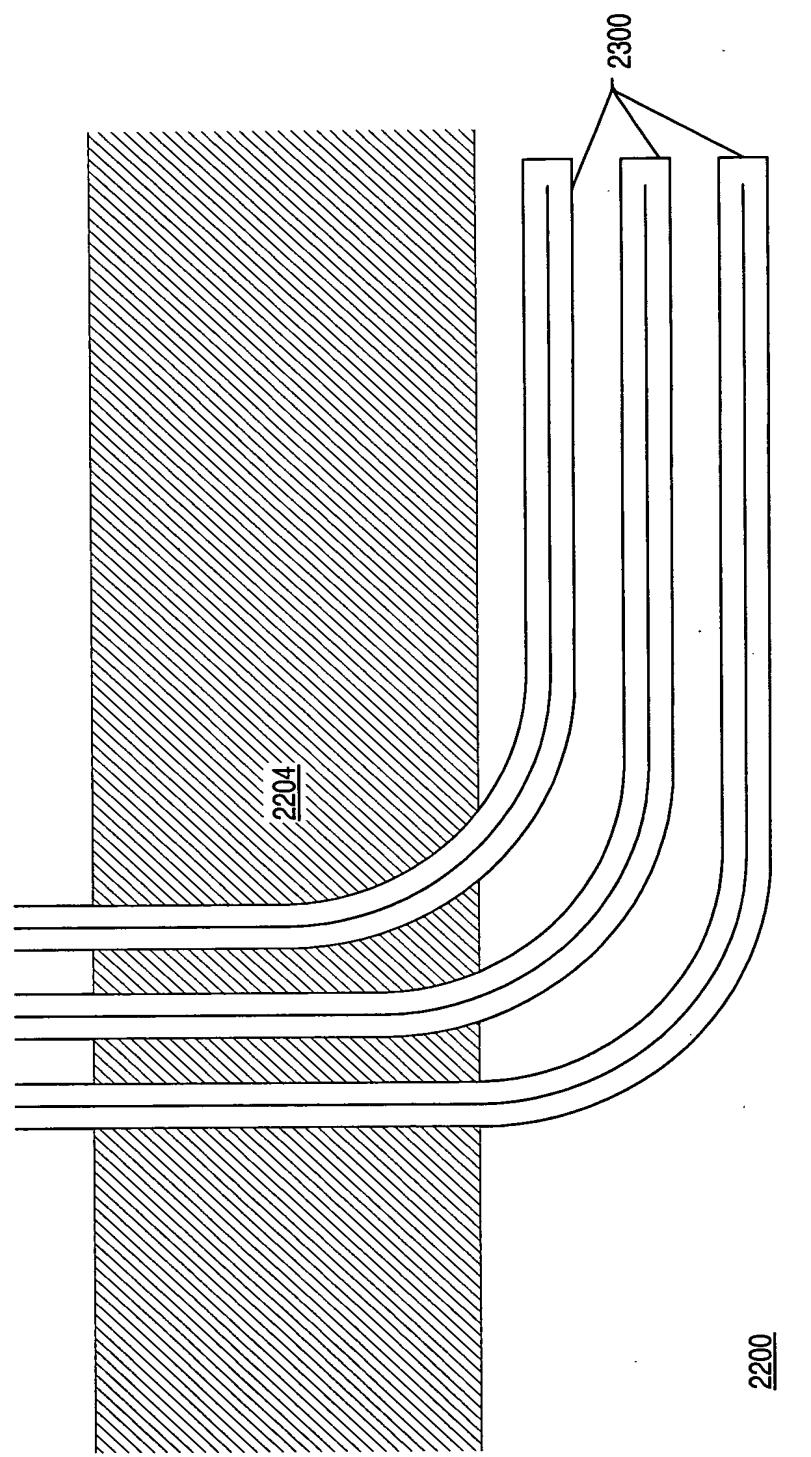


FIG. 47

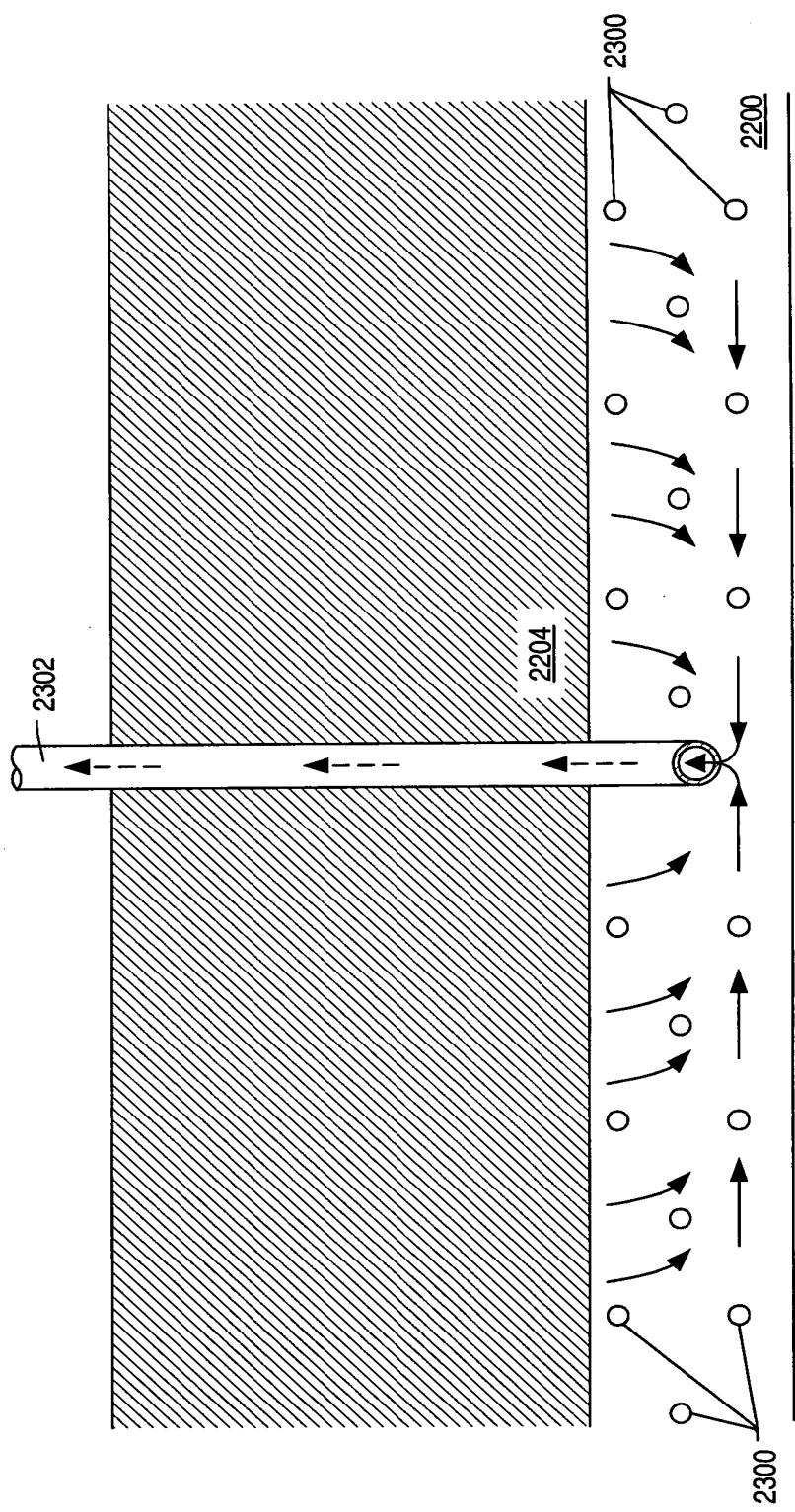


FIG. 48

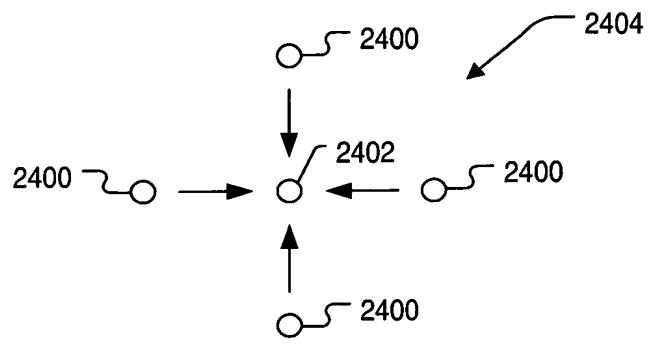


FIG. 49

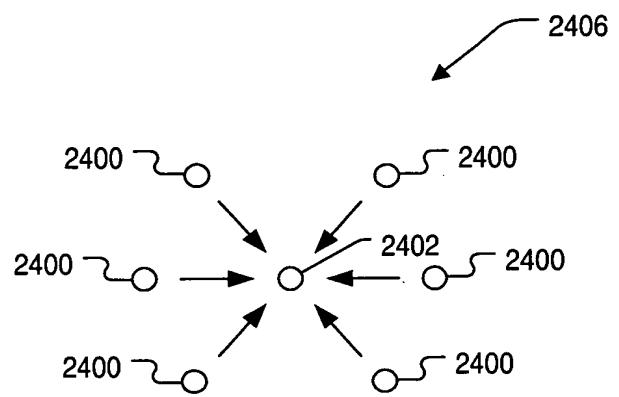


FIG. 50

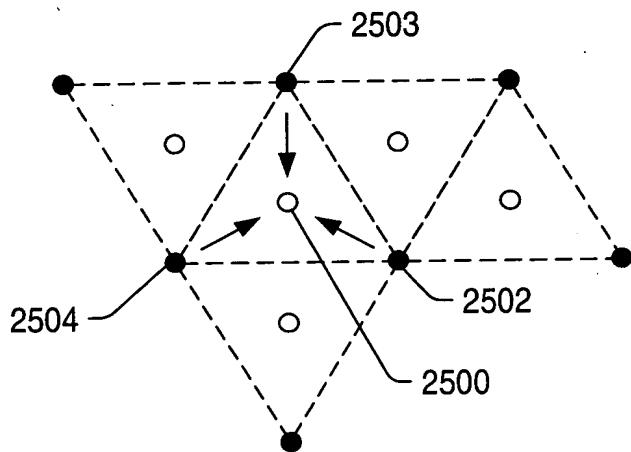


FIG. 51

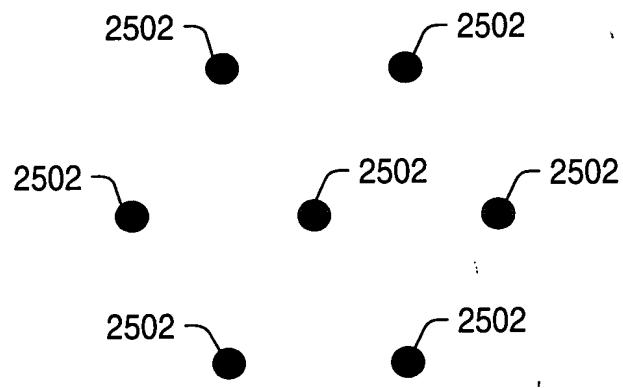


FIG. 52

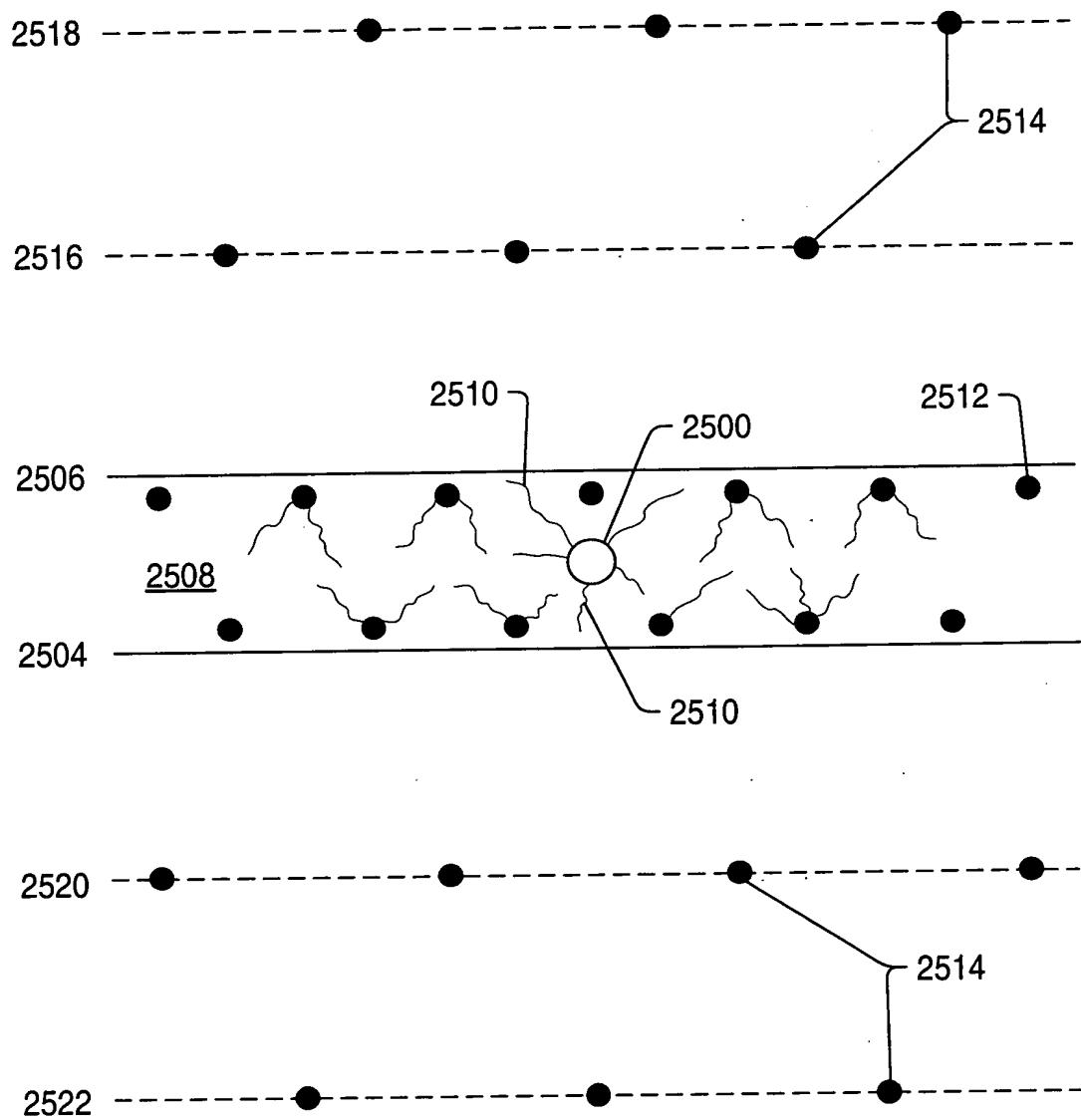


FIG. 53

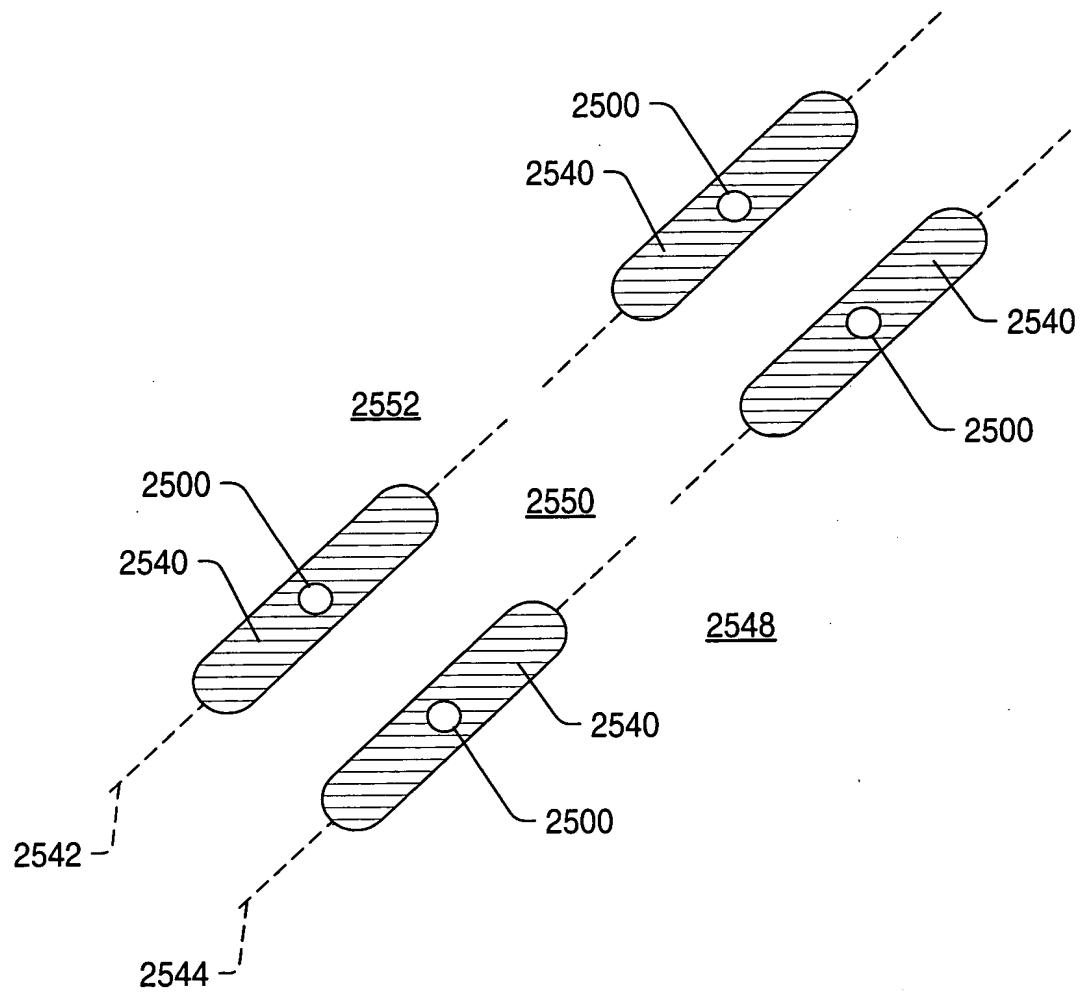


FIG. 54

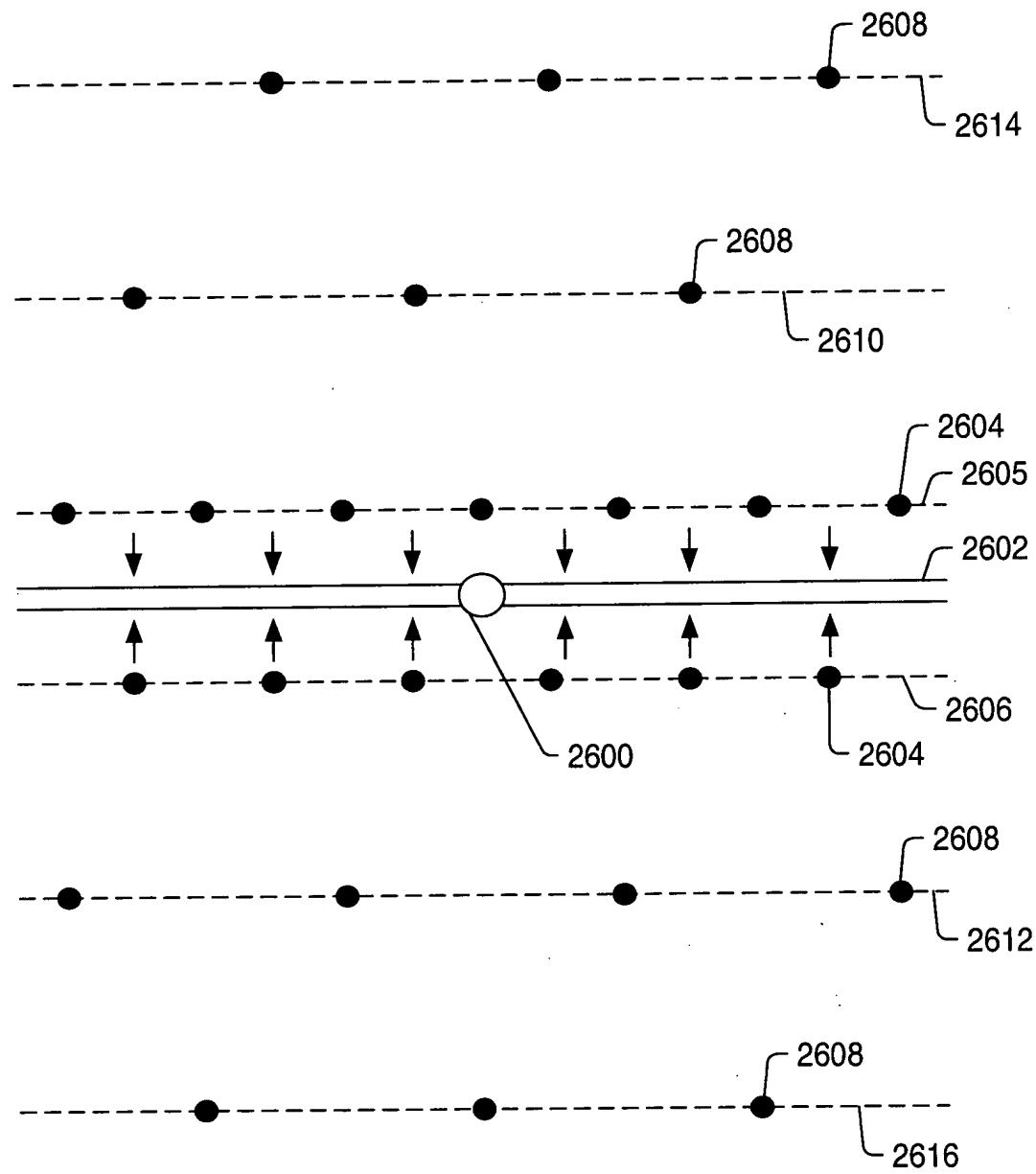


FIG. 55

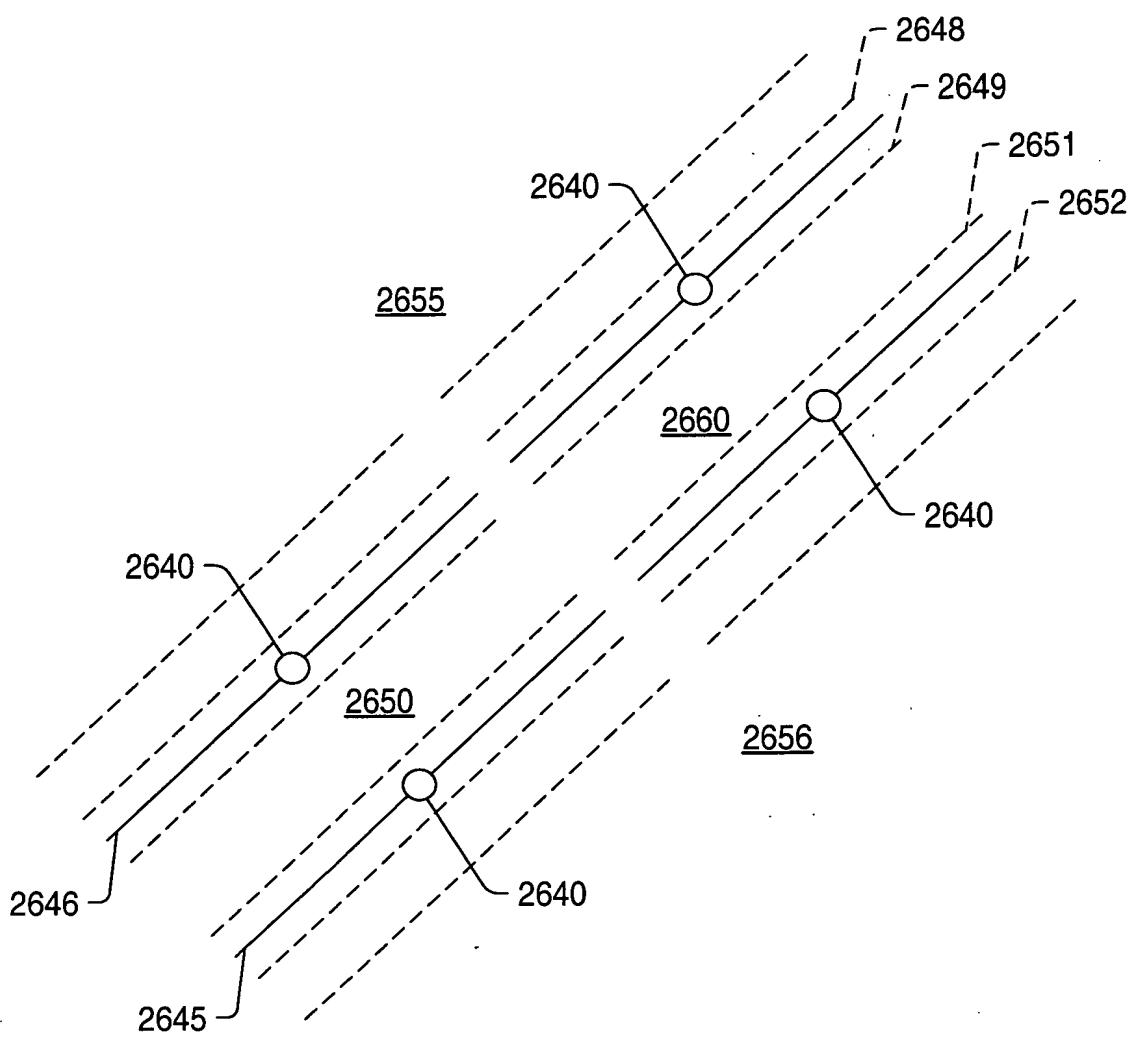


FIG. 56

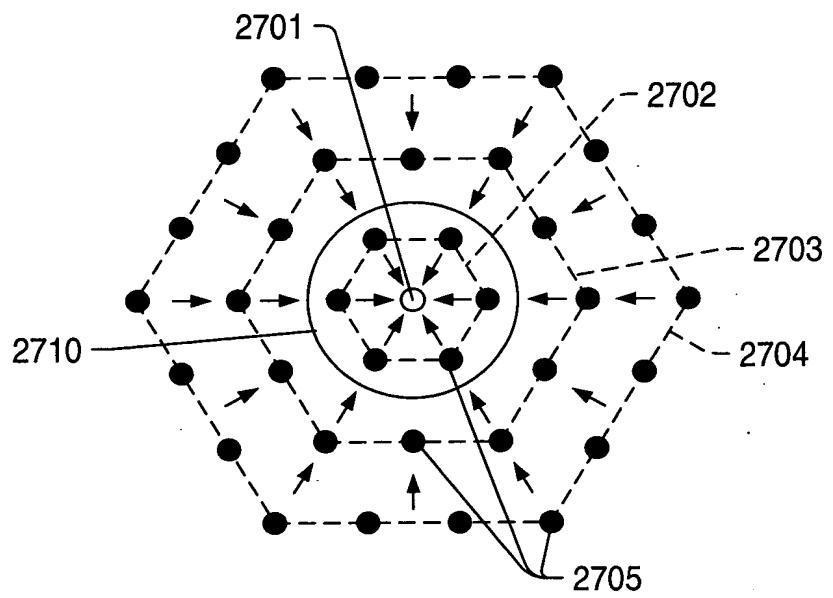


FIG. 57

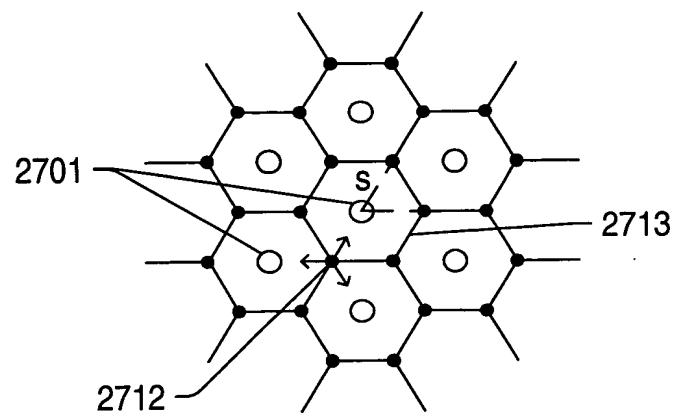


FIG. 58

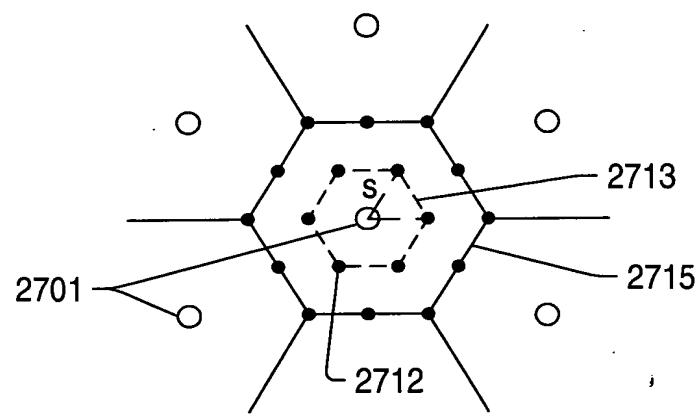


FIG. 59

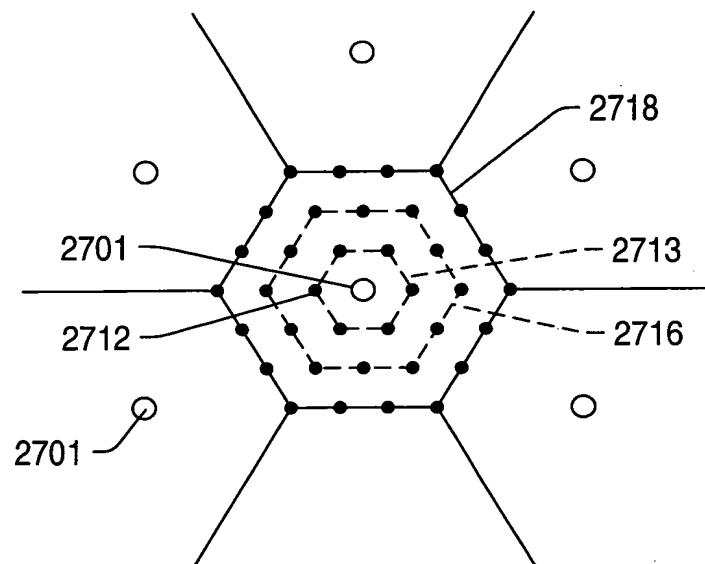


FIG. 60

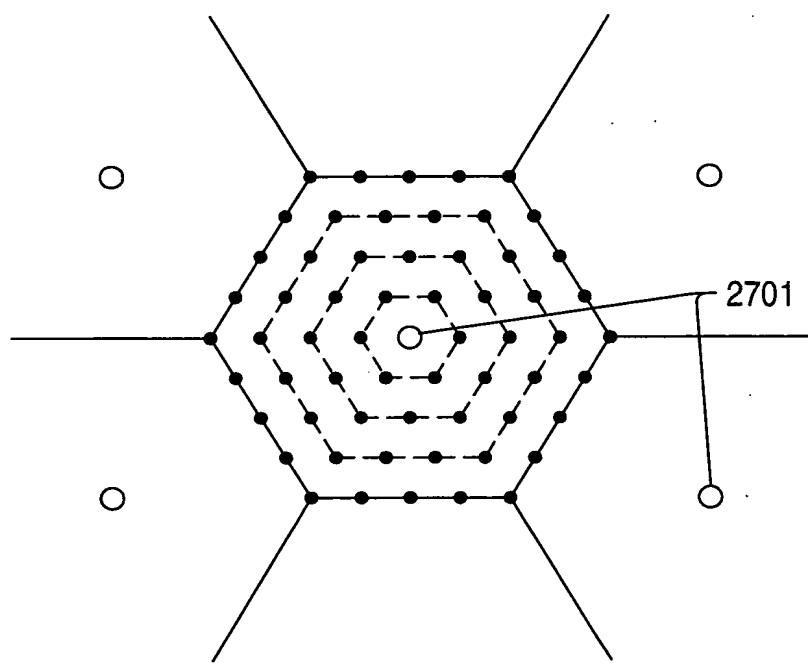


FIG. 61

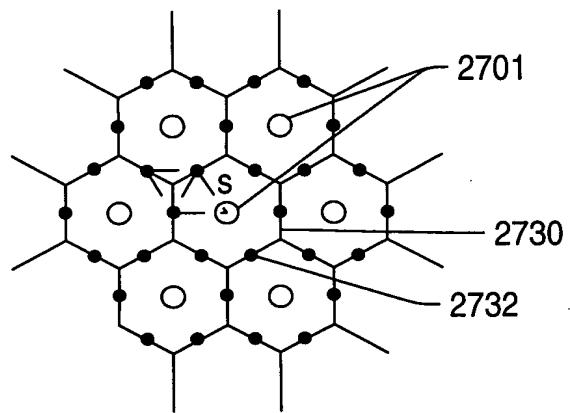


FIG. 62

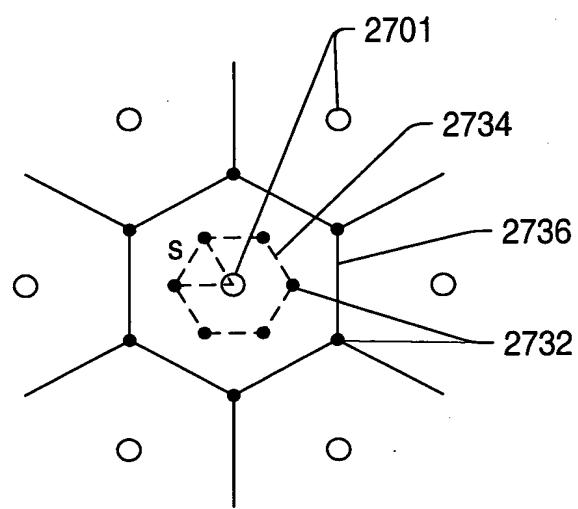


FIG. 63

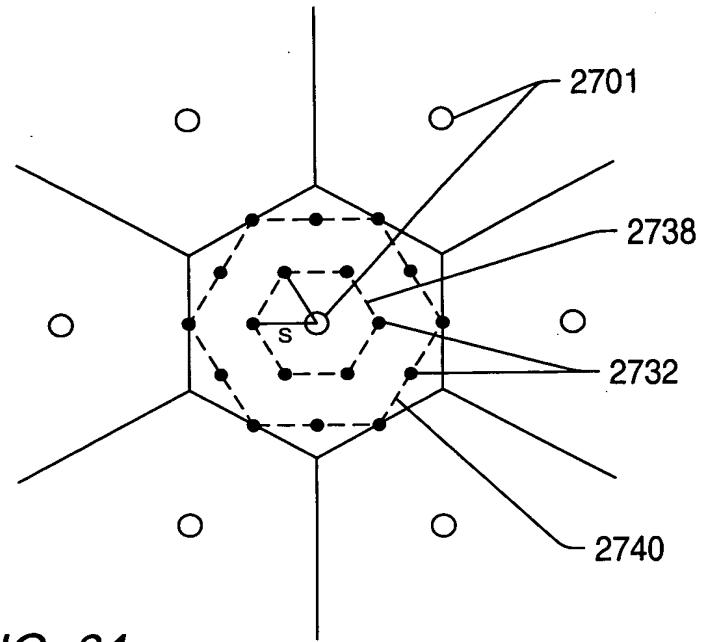


FIG. 64

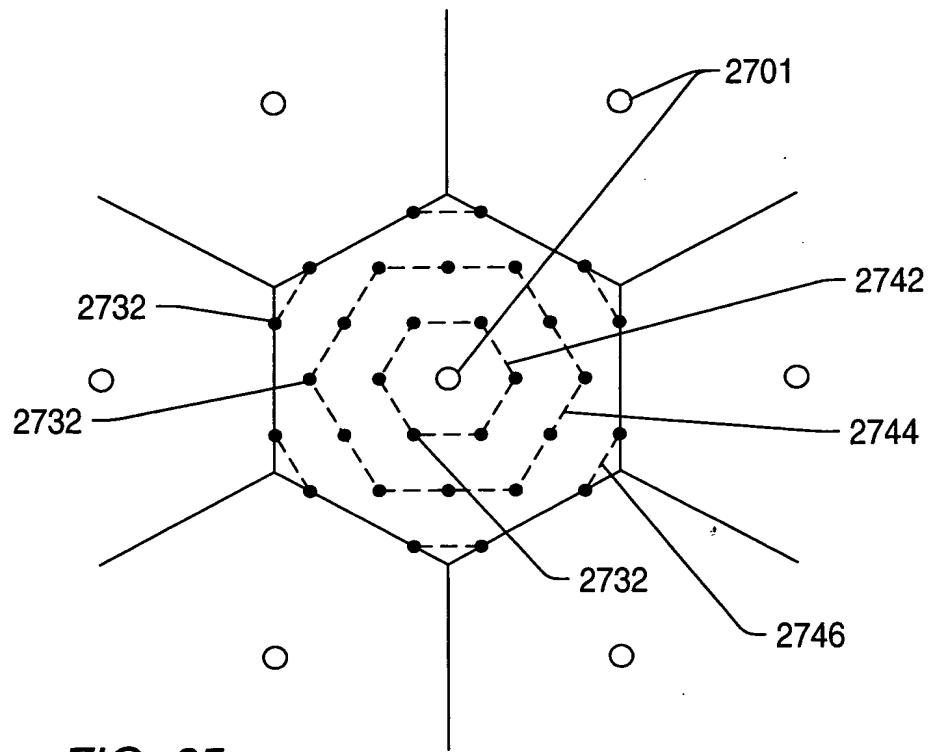


FIG. 65

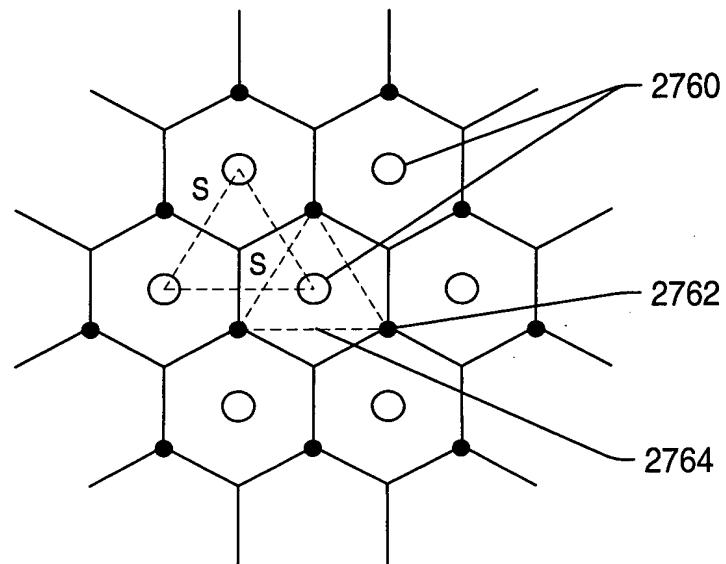


FIG. 66

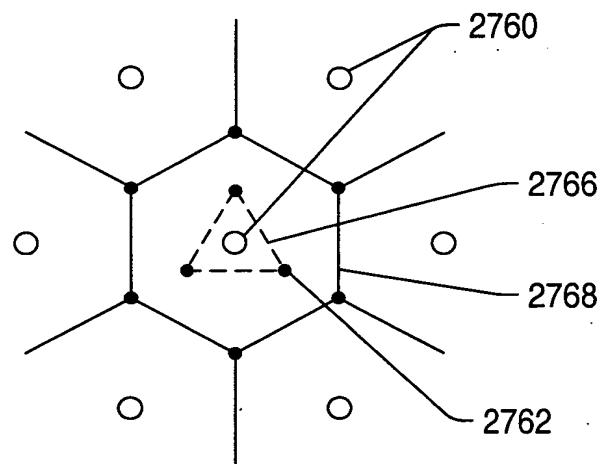


FIG. 67

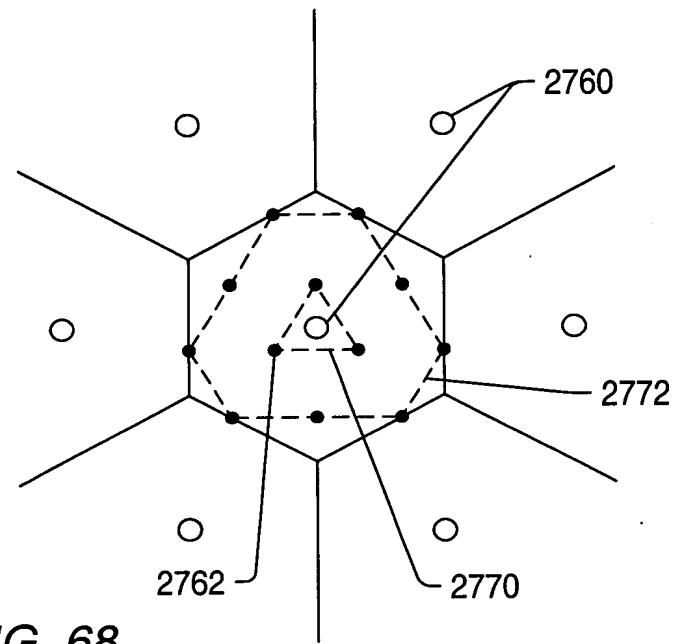


FIG. 68

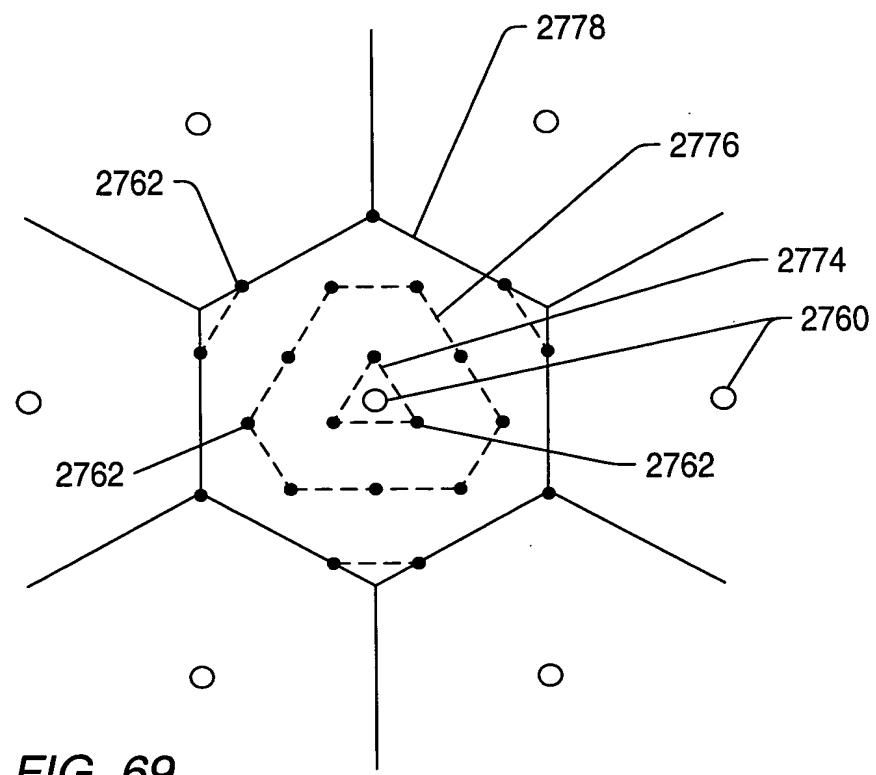


FIG. 69

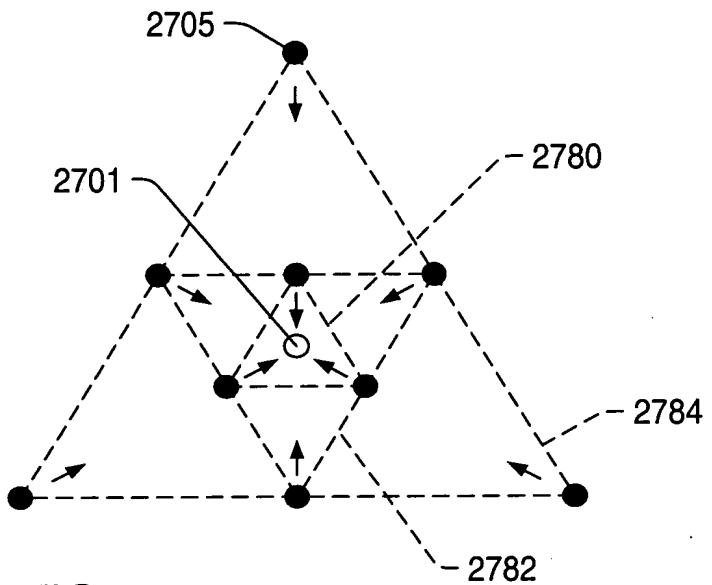


FIG. 70

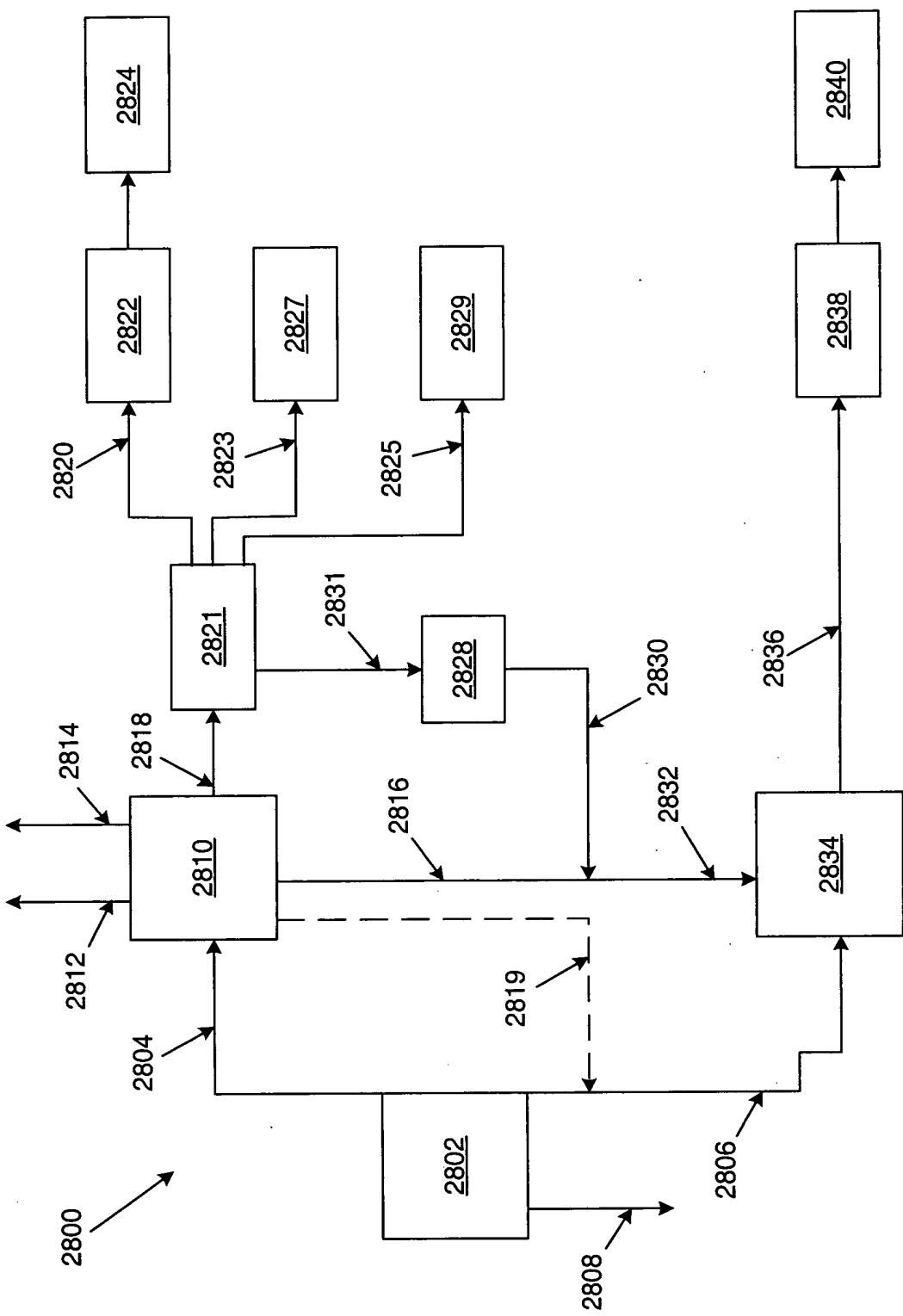


Fig. 71

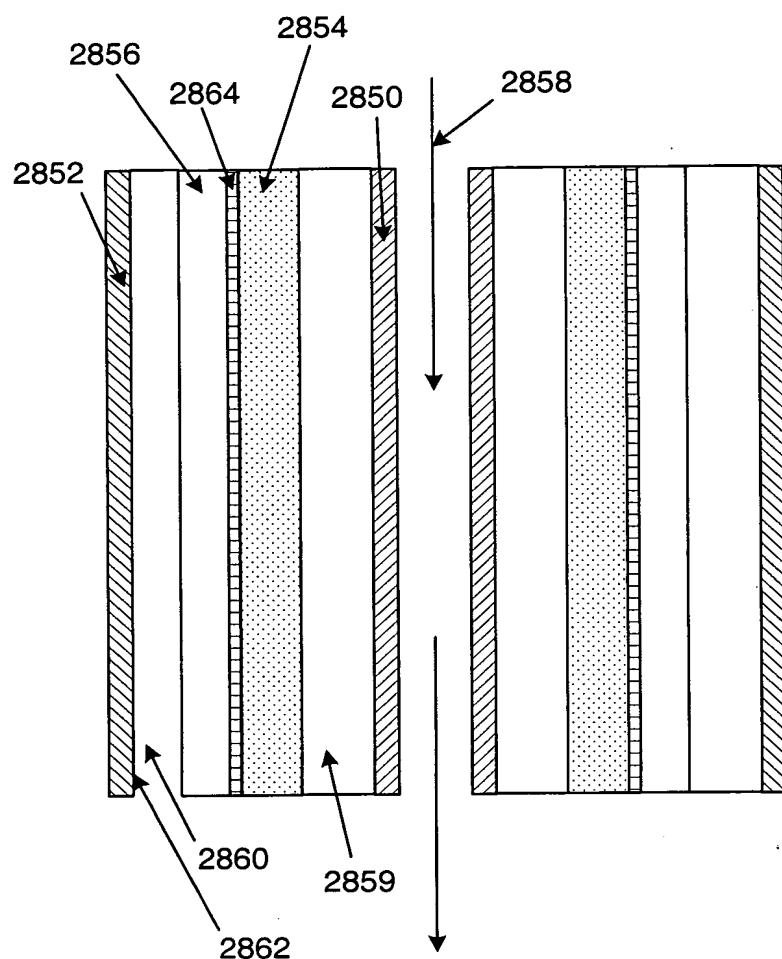


Fig. 72

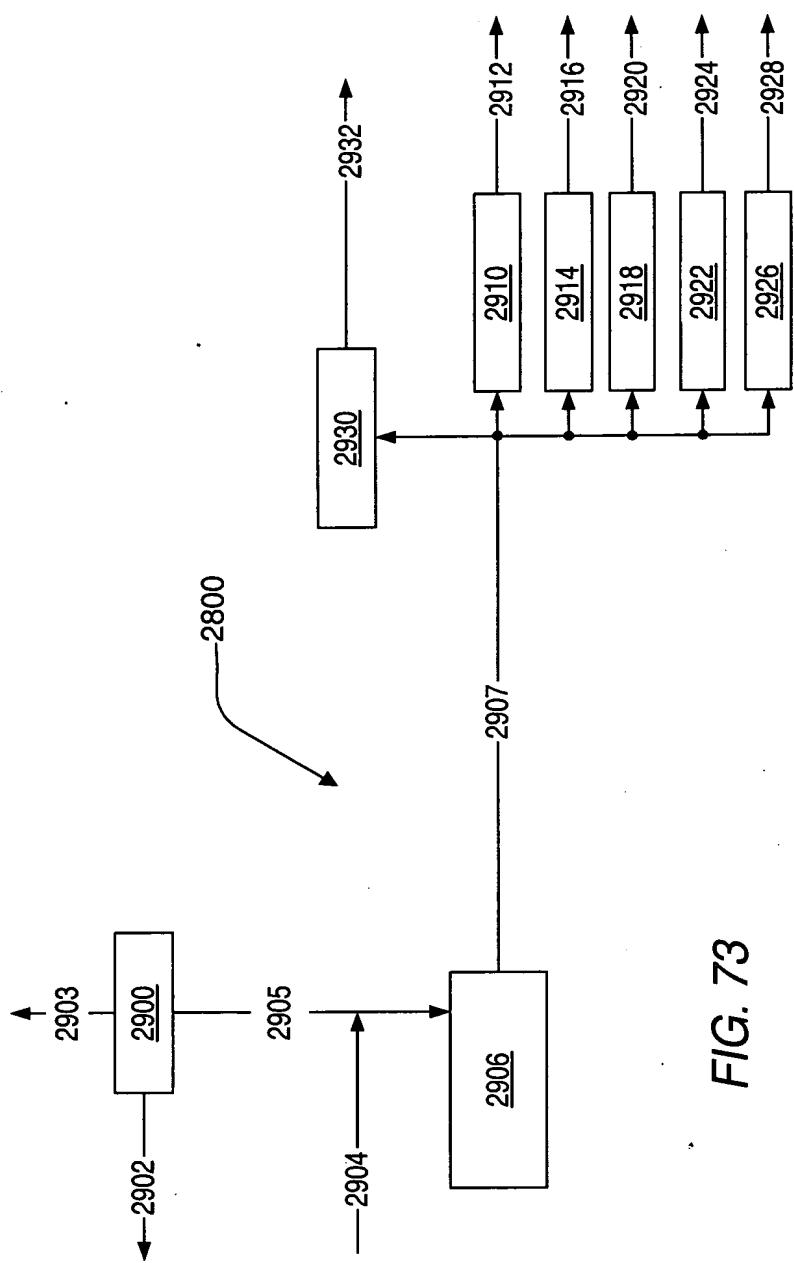


FIG. 73

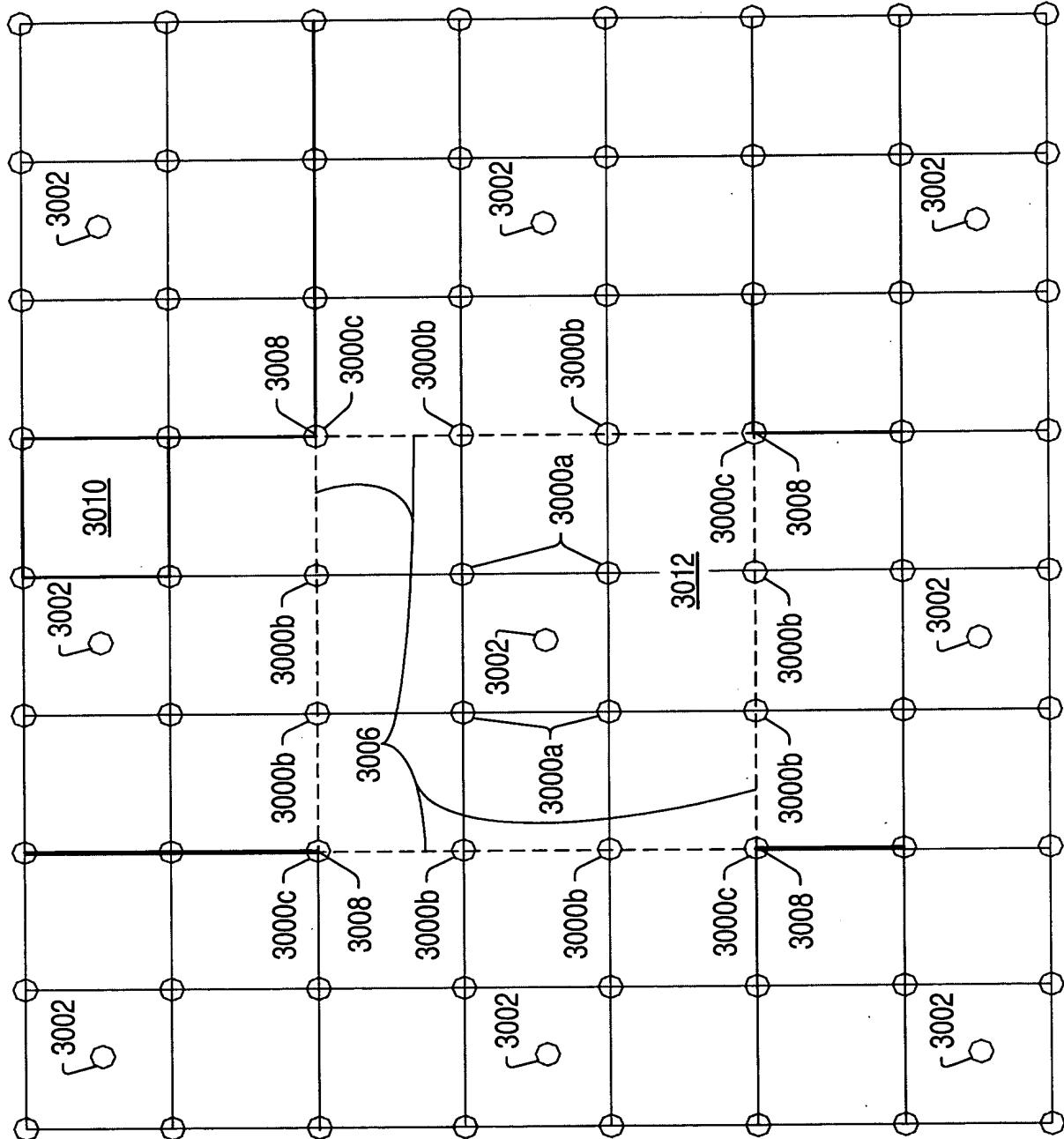


FIG. 74

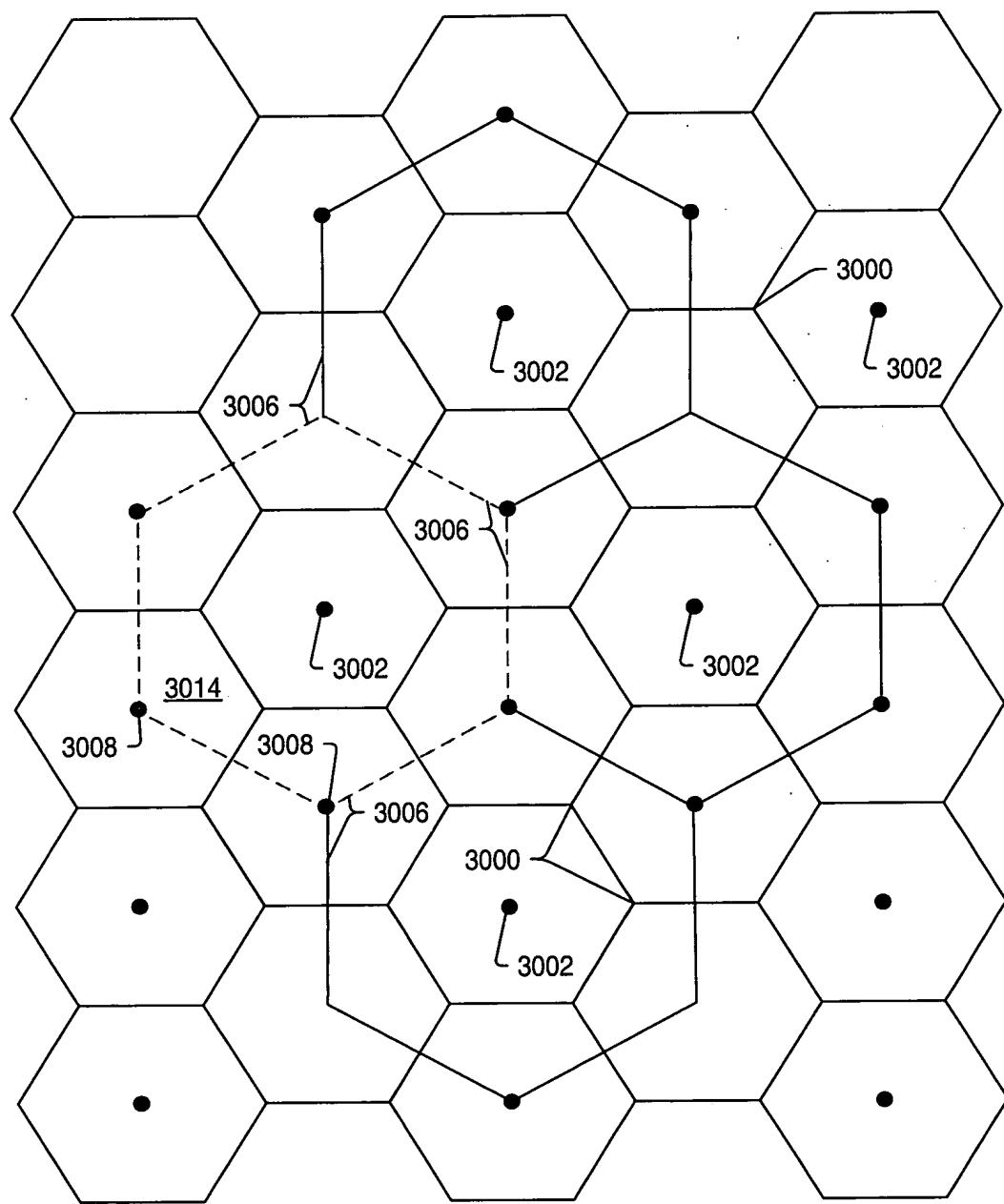


FIG. 75

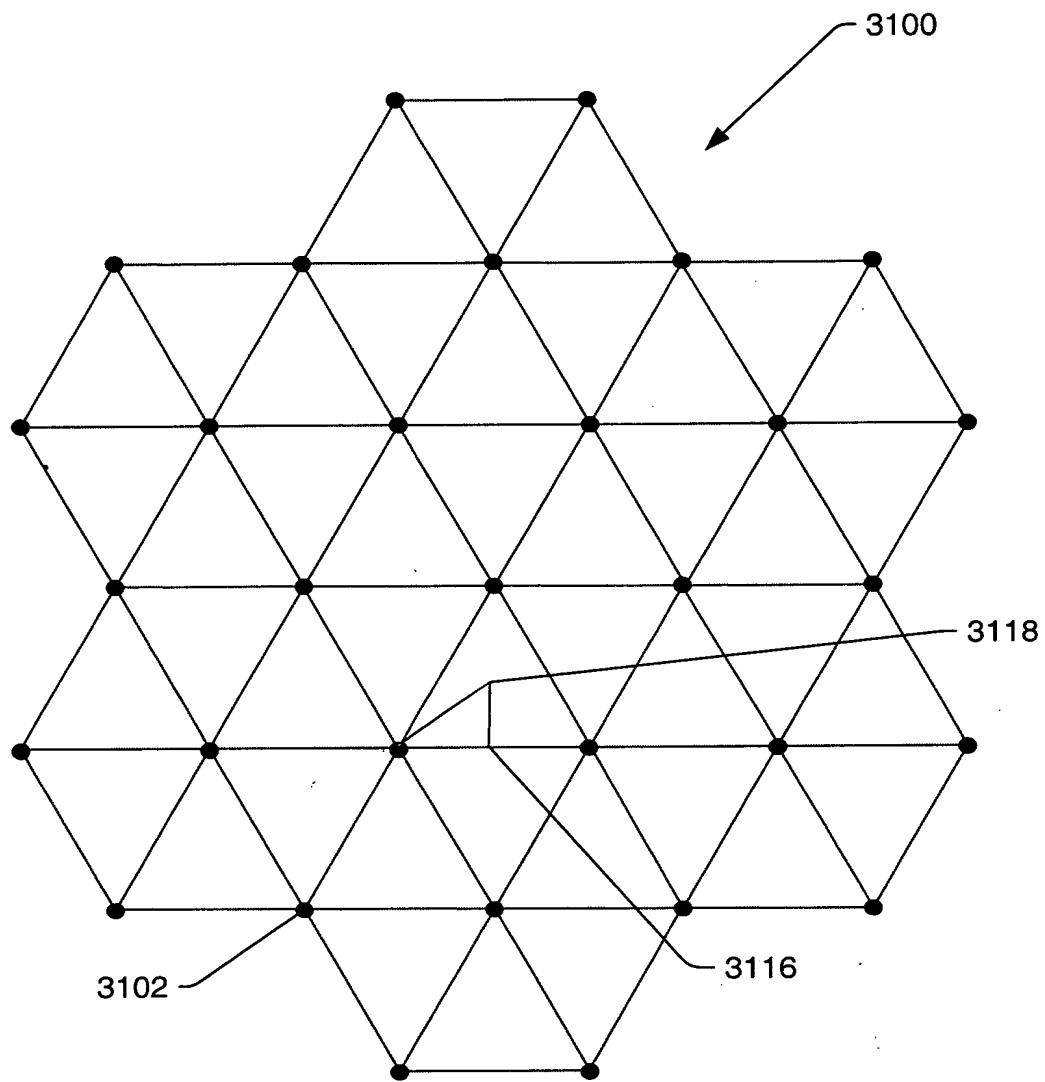


FIG. 76

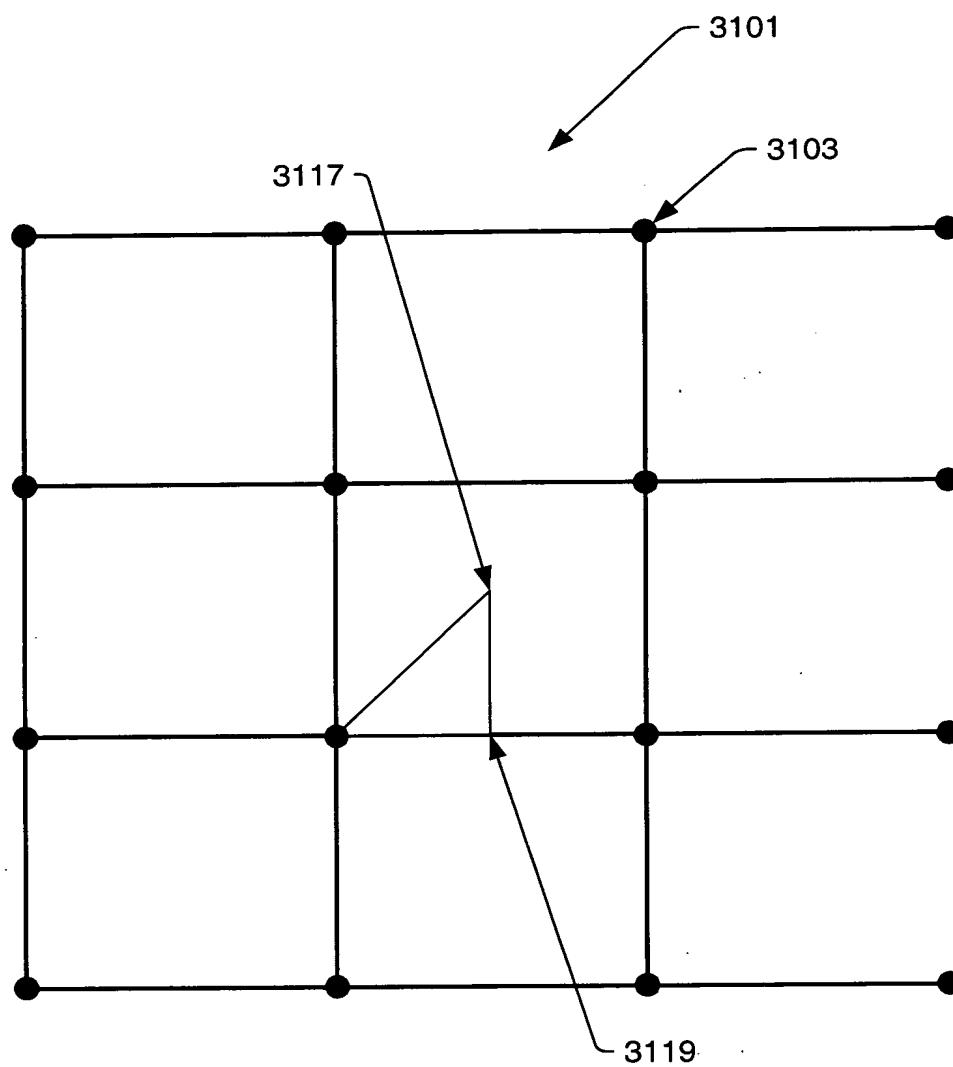


FIG. 76a

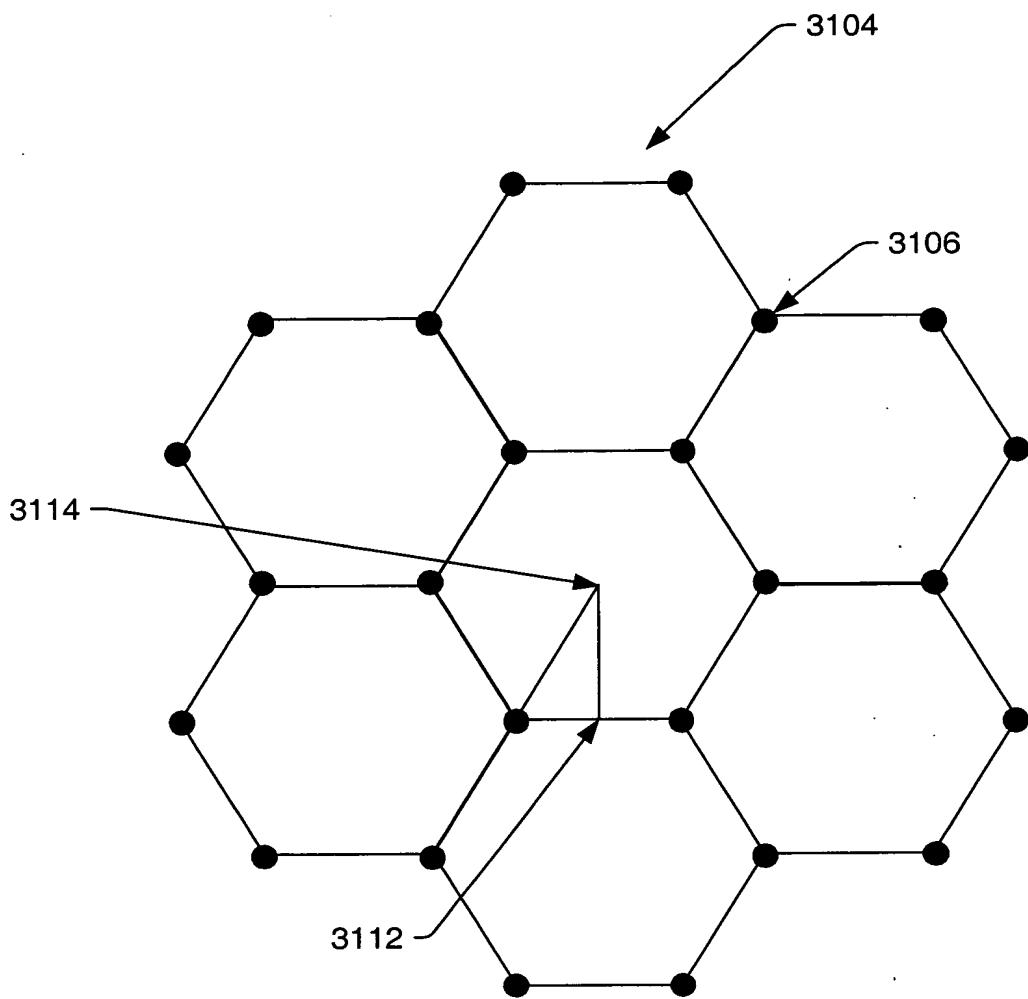


FIG. 77

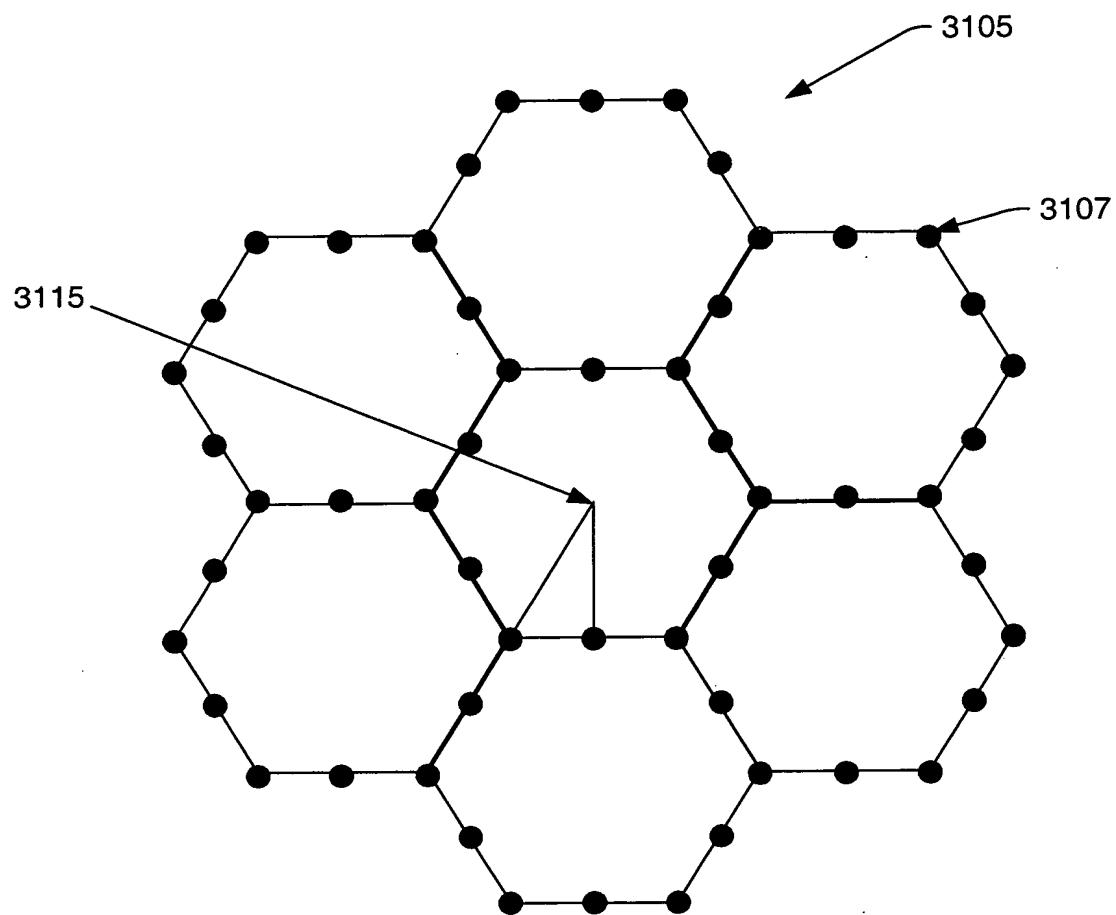


FIG. 77a

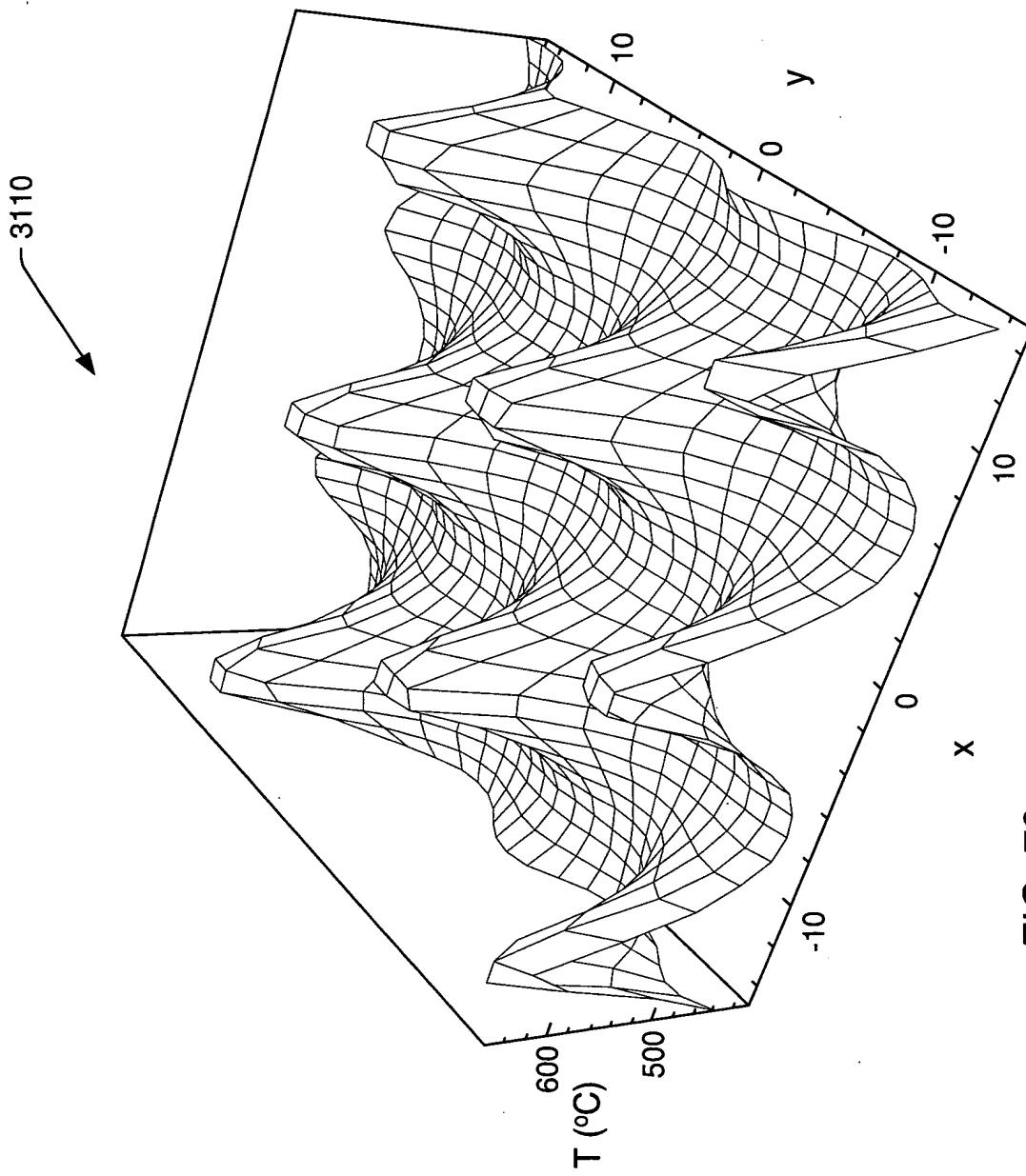


FIG. 78

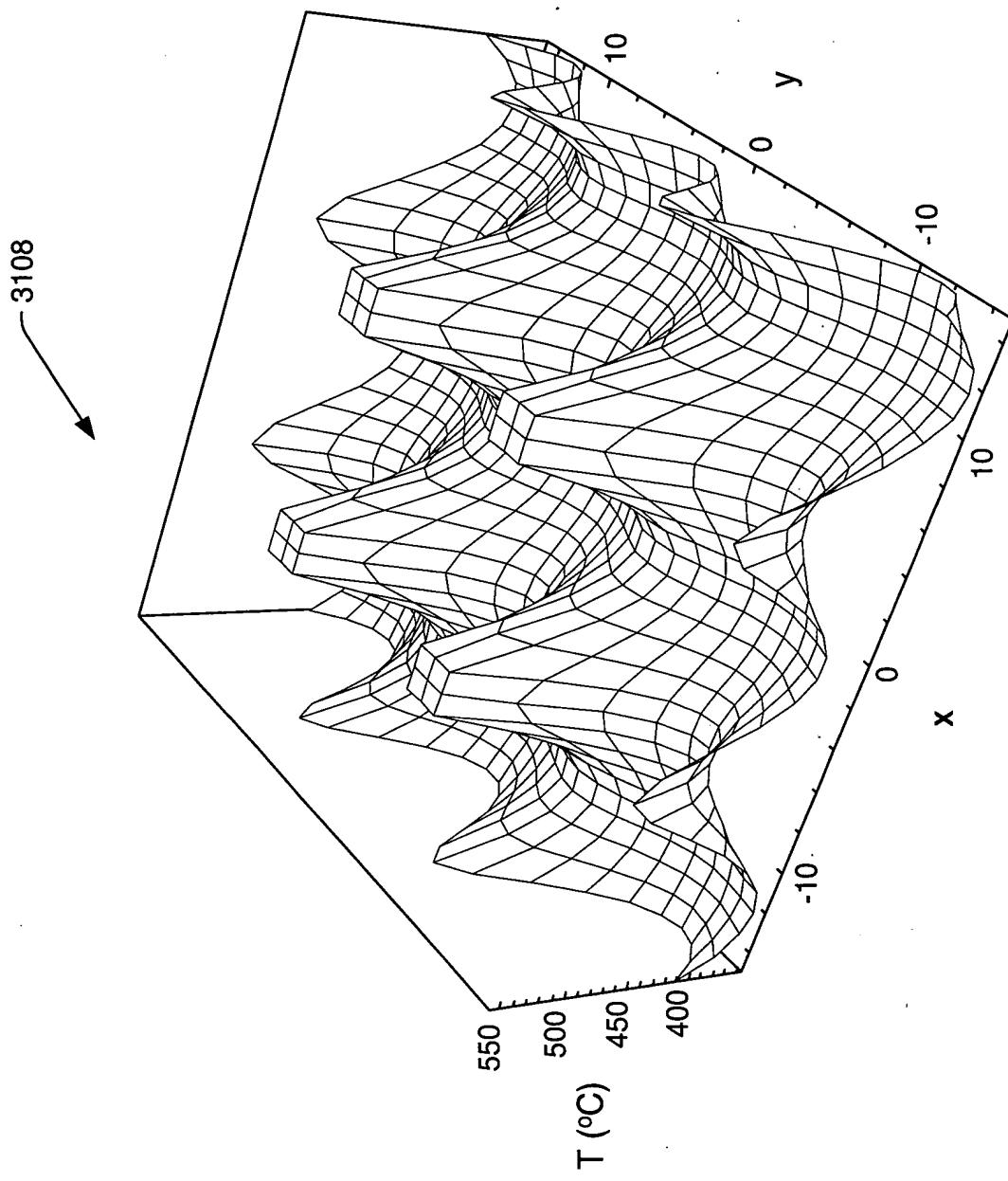


FIG. 79

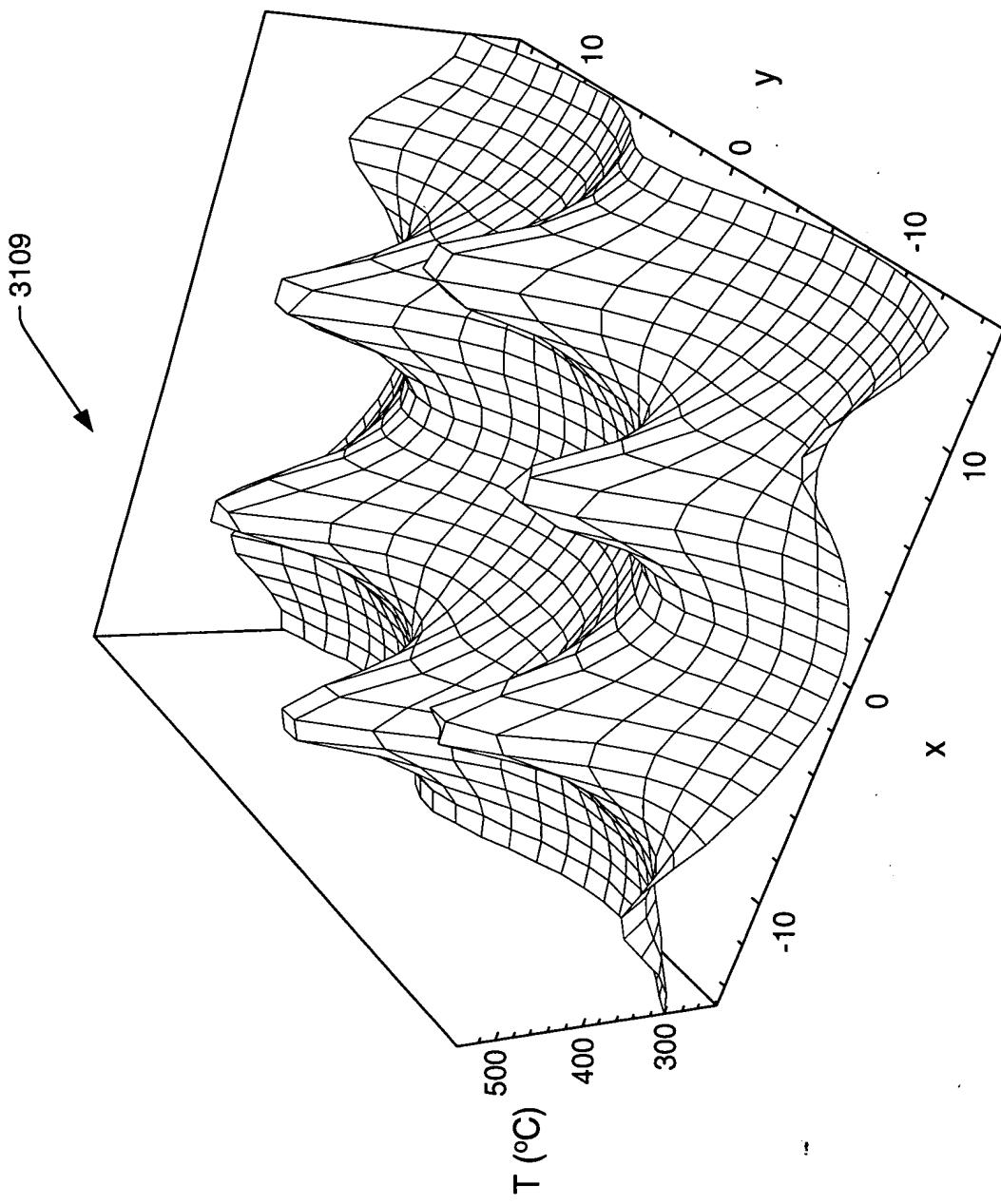


FIG. 79a

FIG. 80

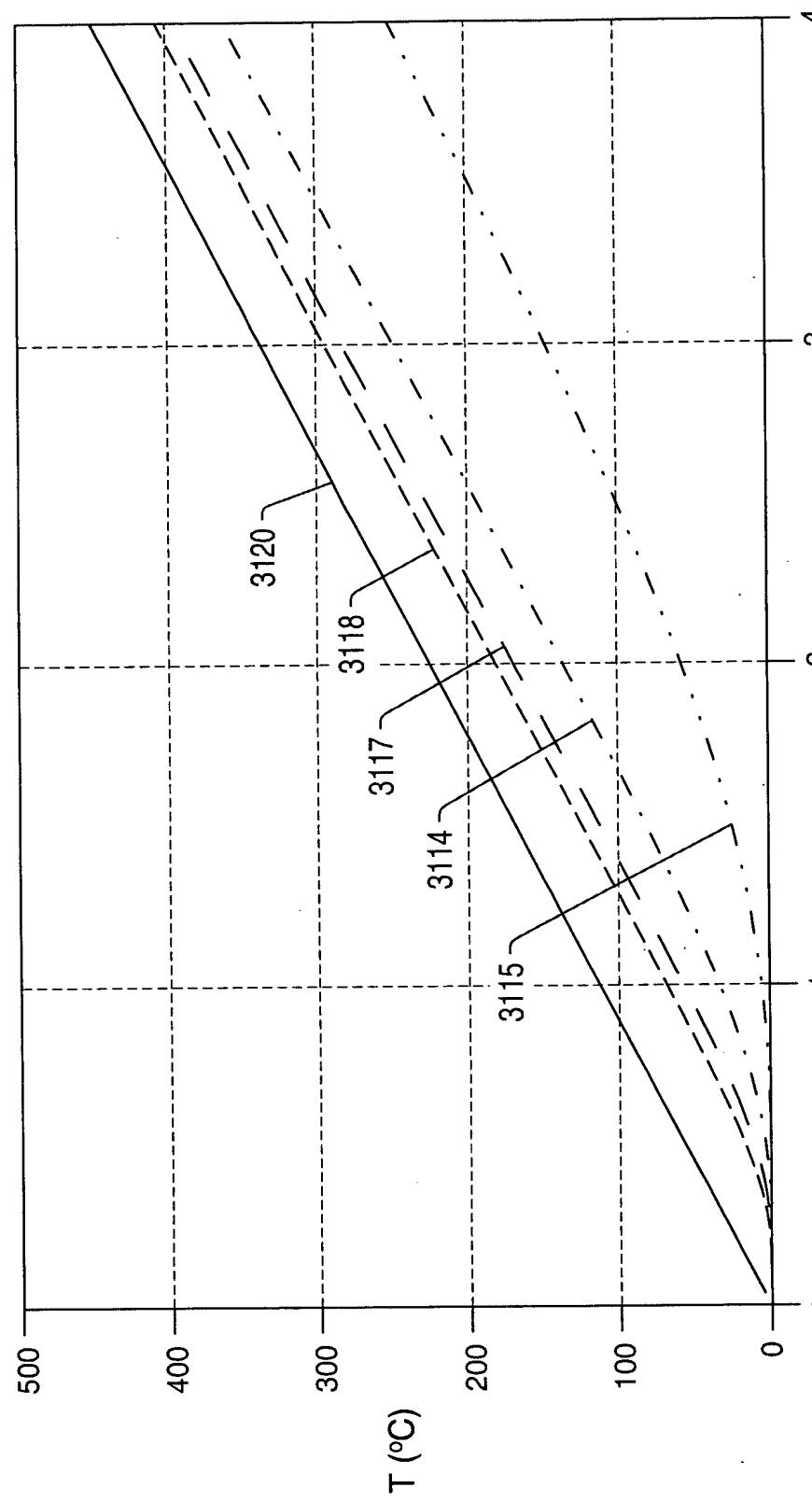


FIG. 81

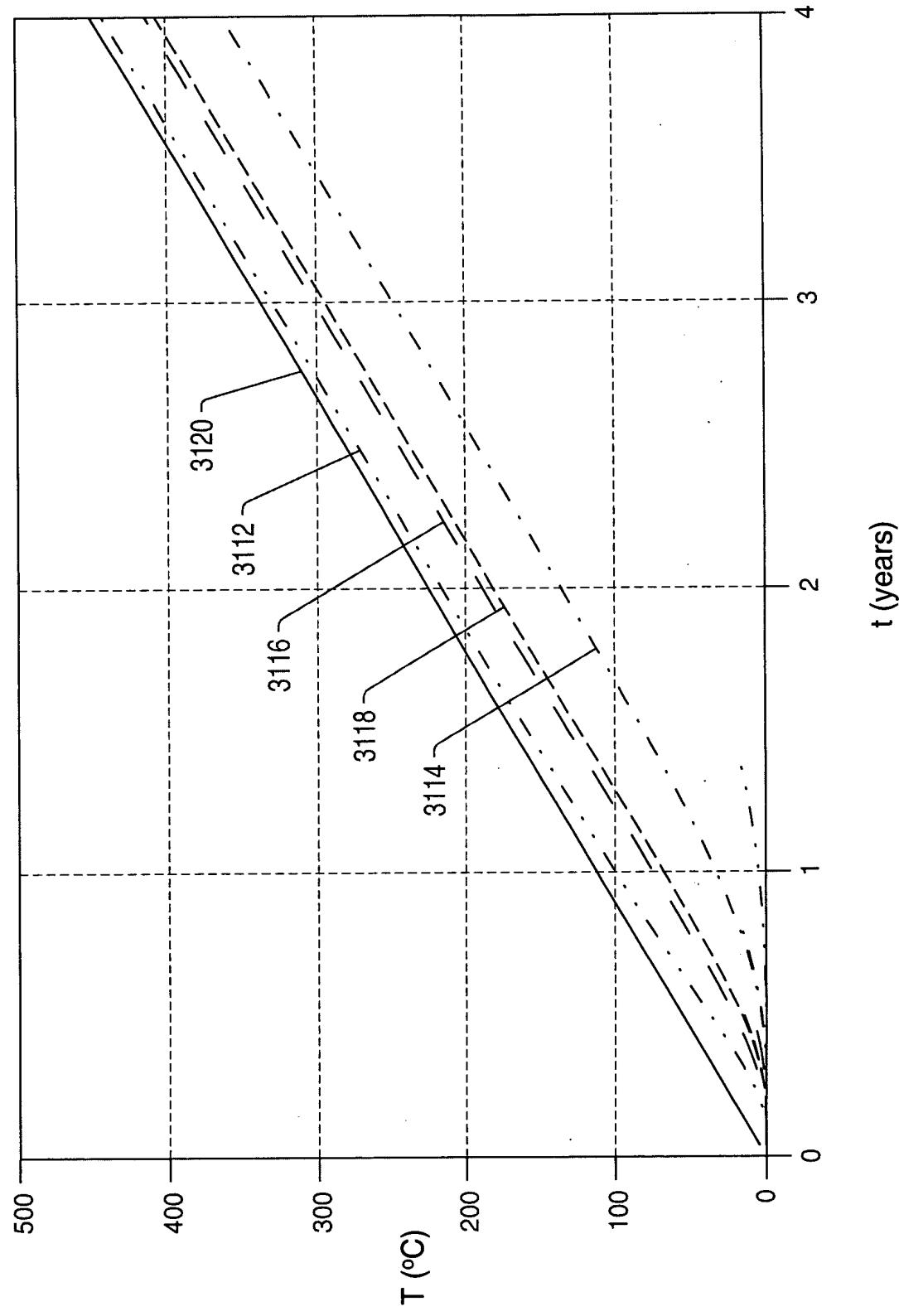


FIG. 81a
t (years)

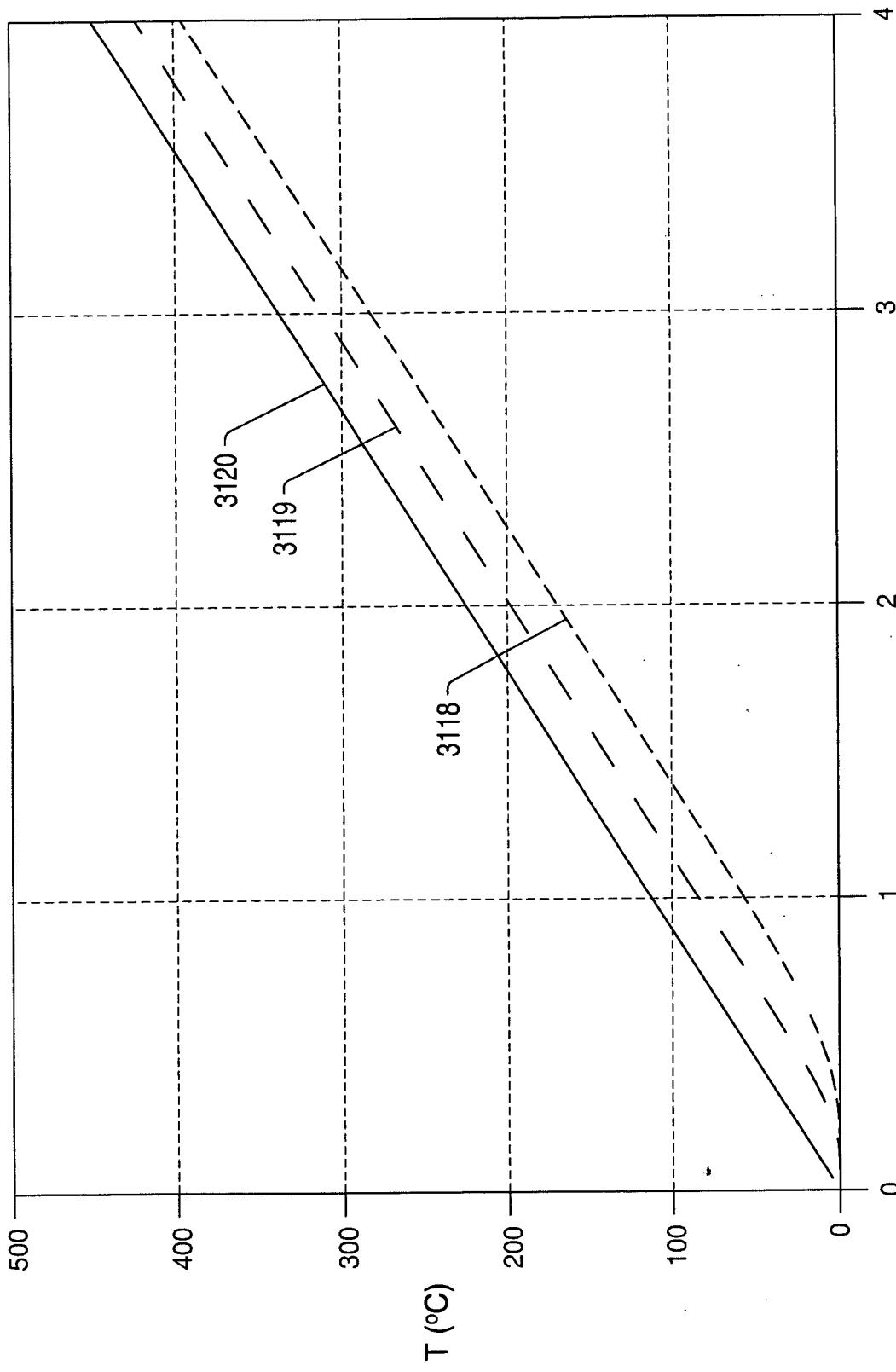


FIG. 81b

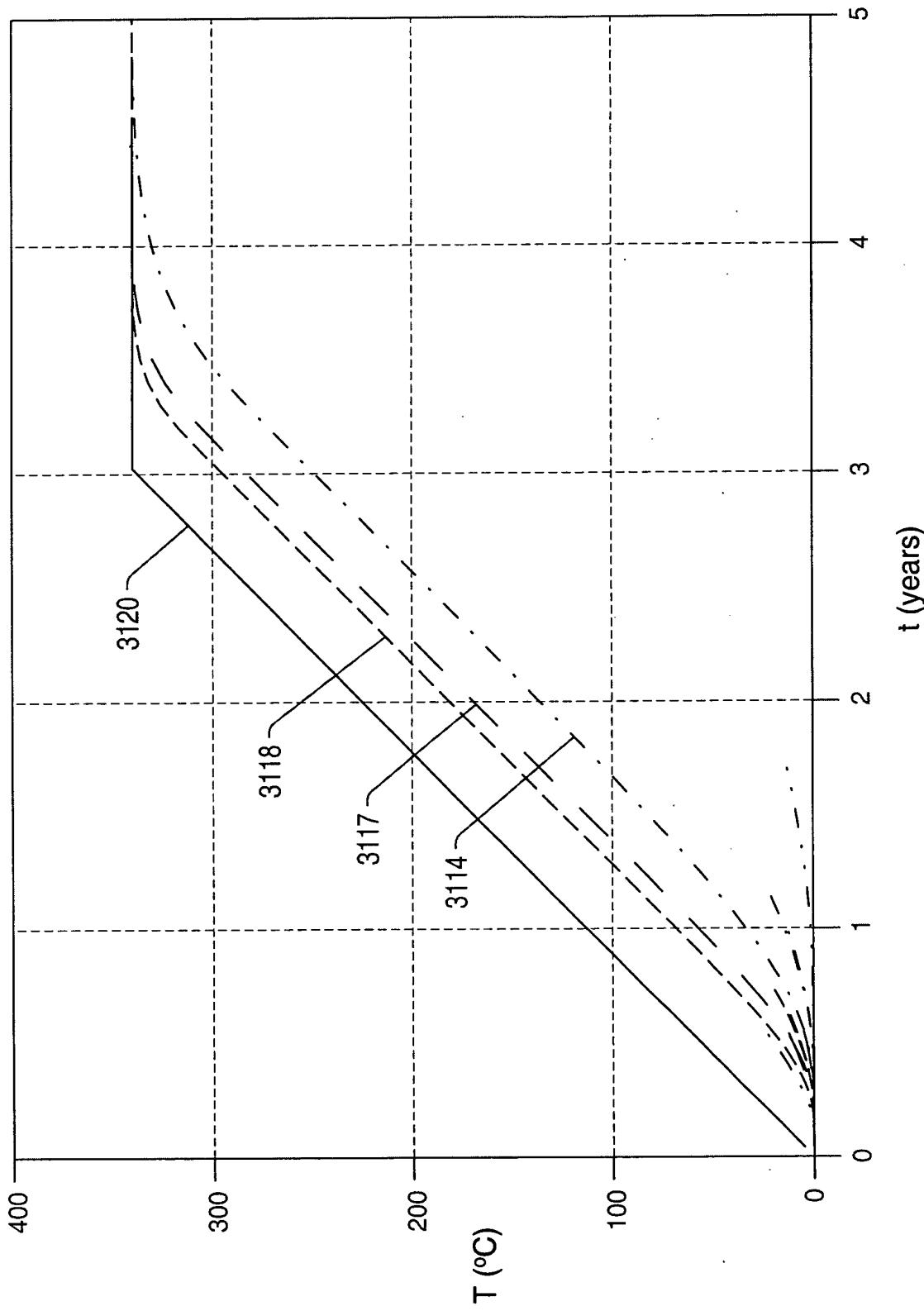


FIG. 82

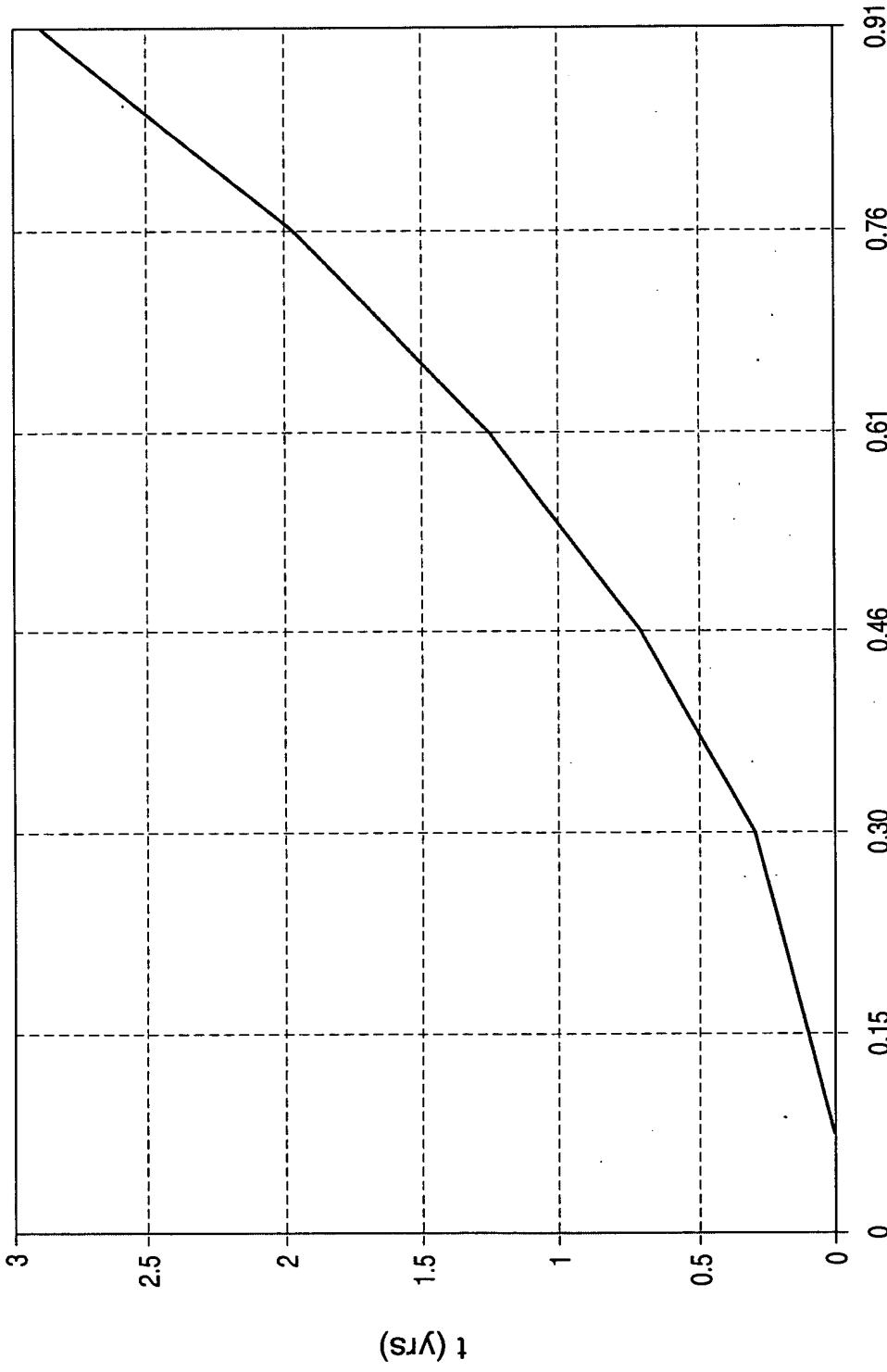


FIG. 83

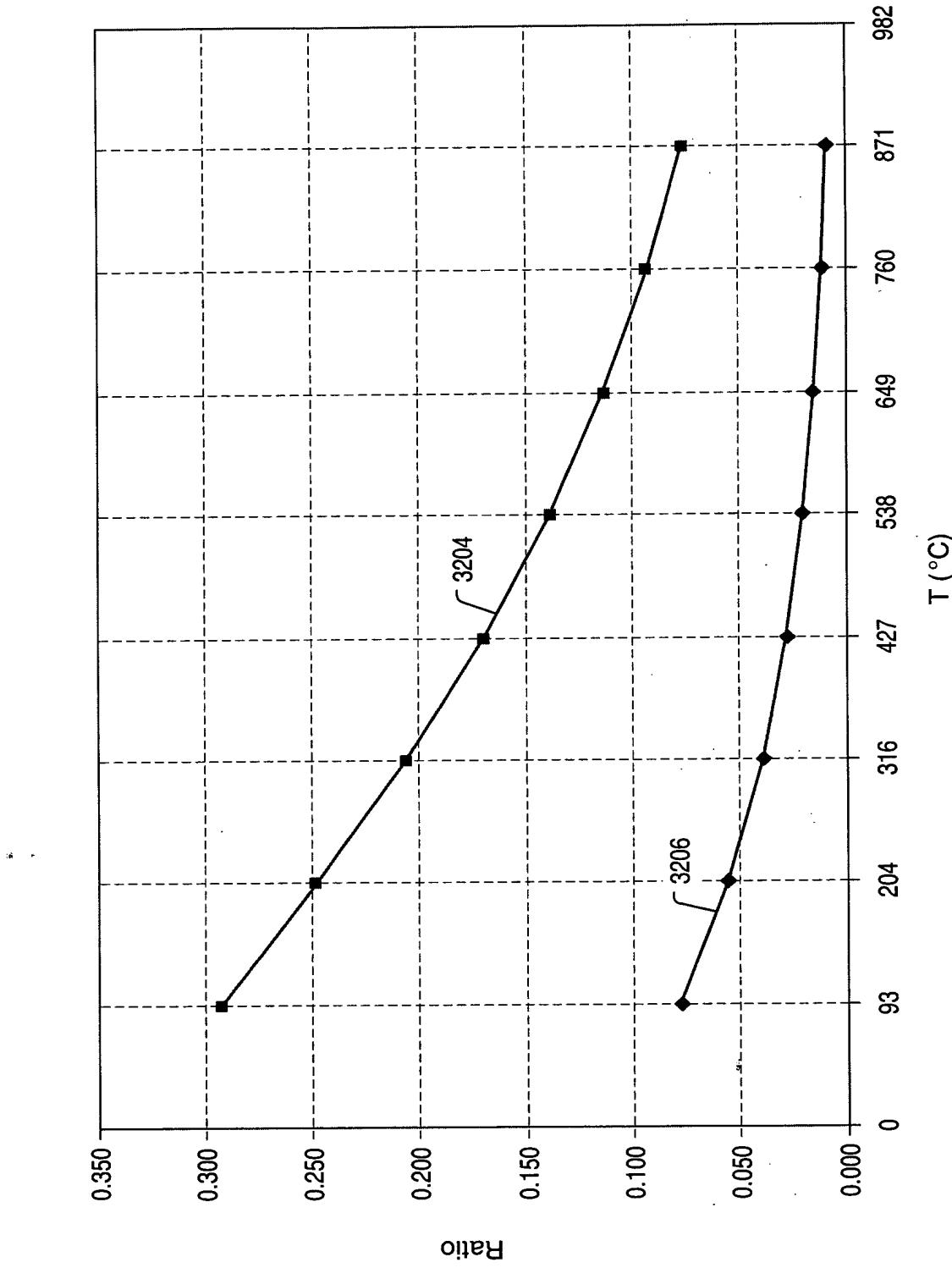
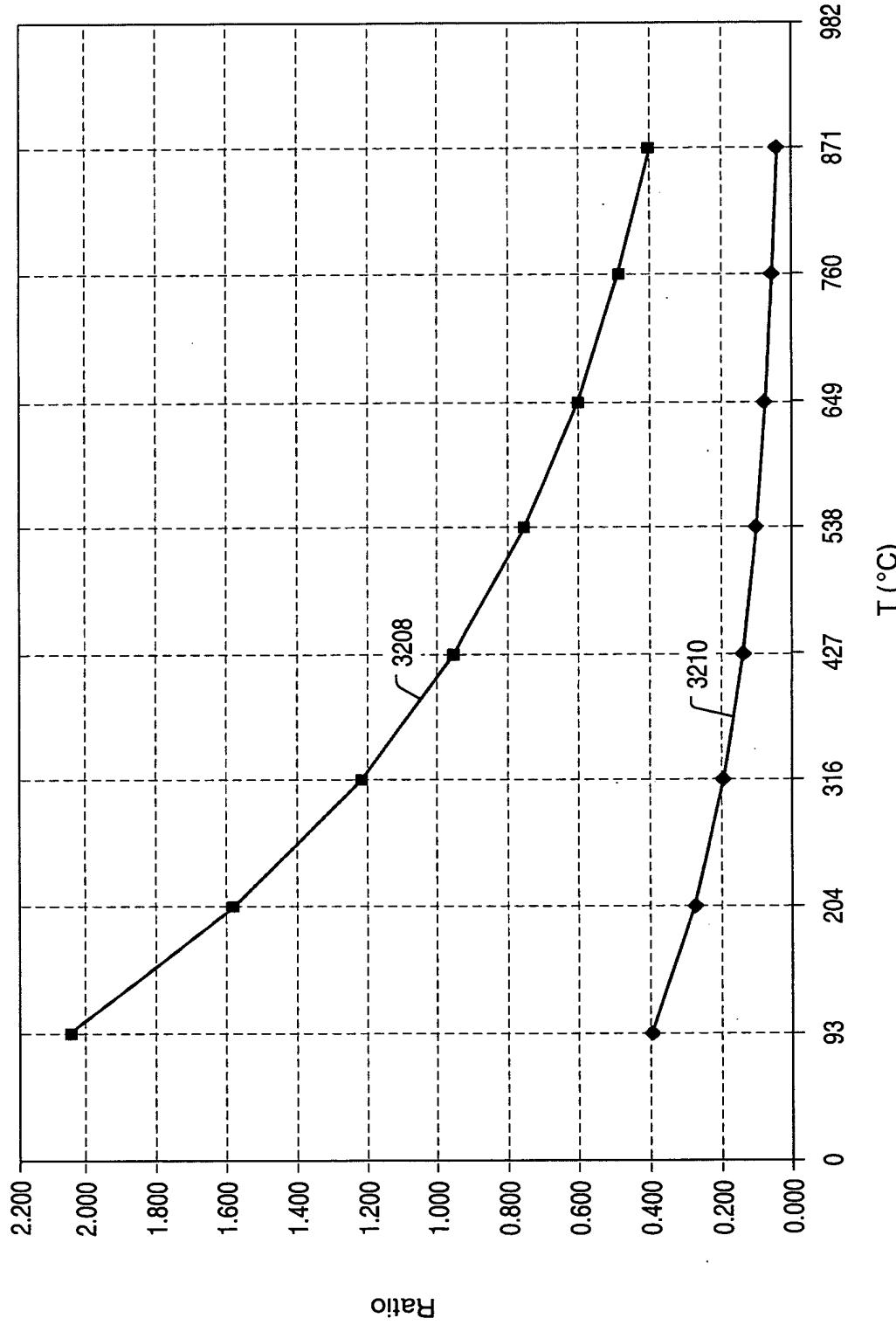


FIG. 84



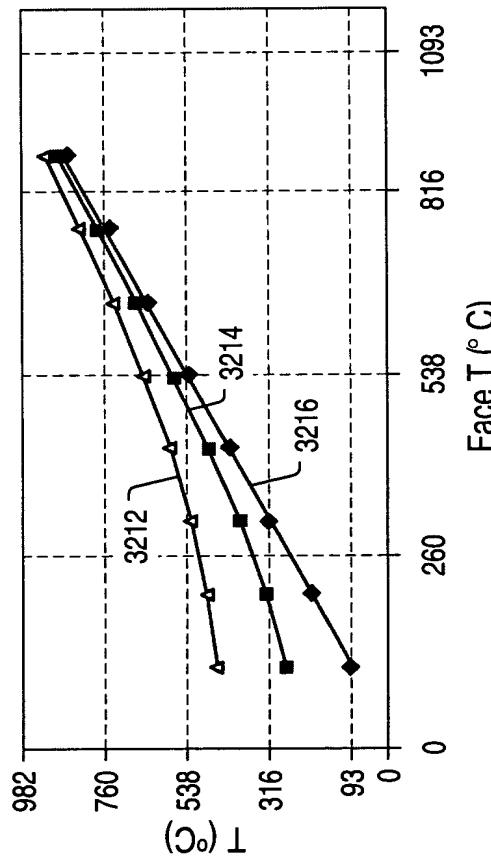


FIG. 85

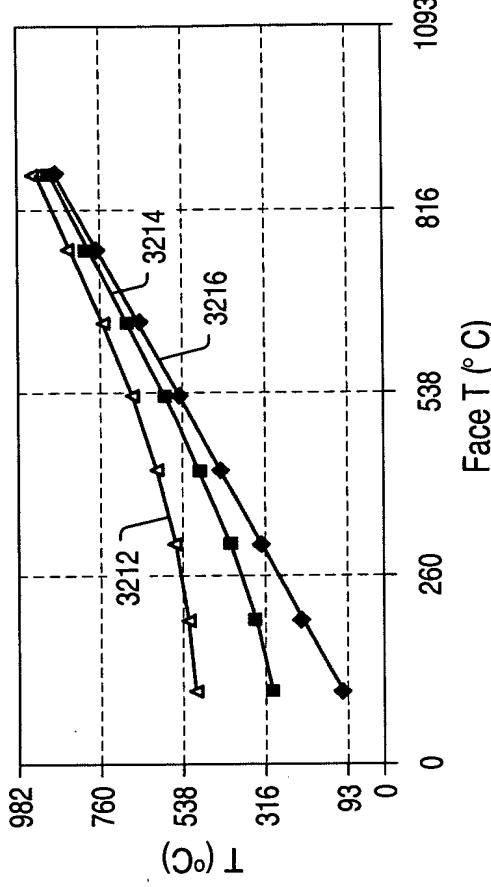


FIG. 86

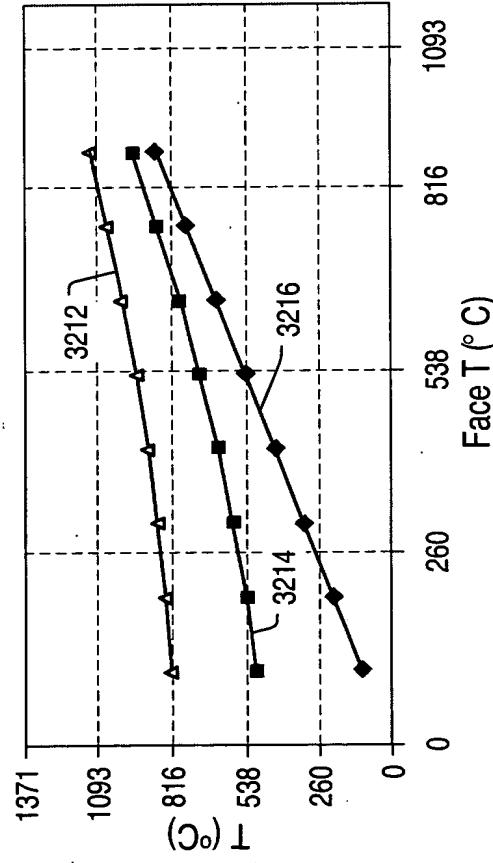


FIG. 87

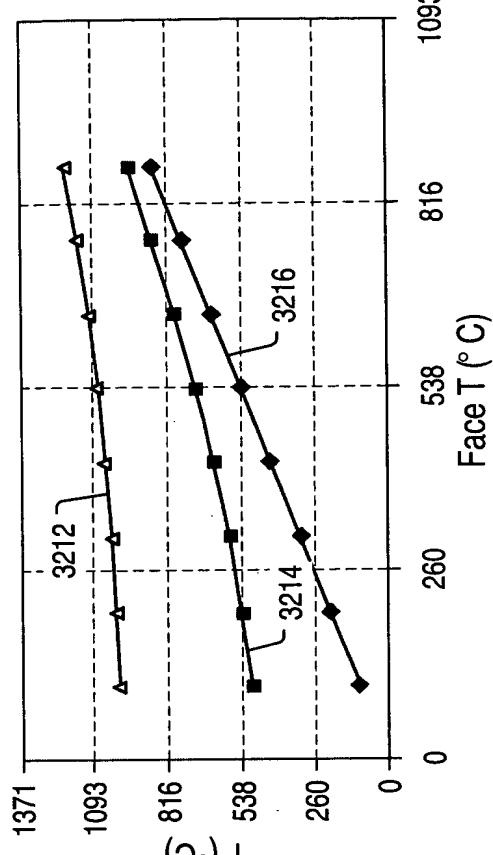


FIG. 88

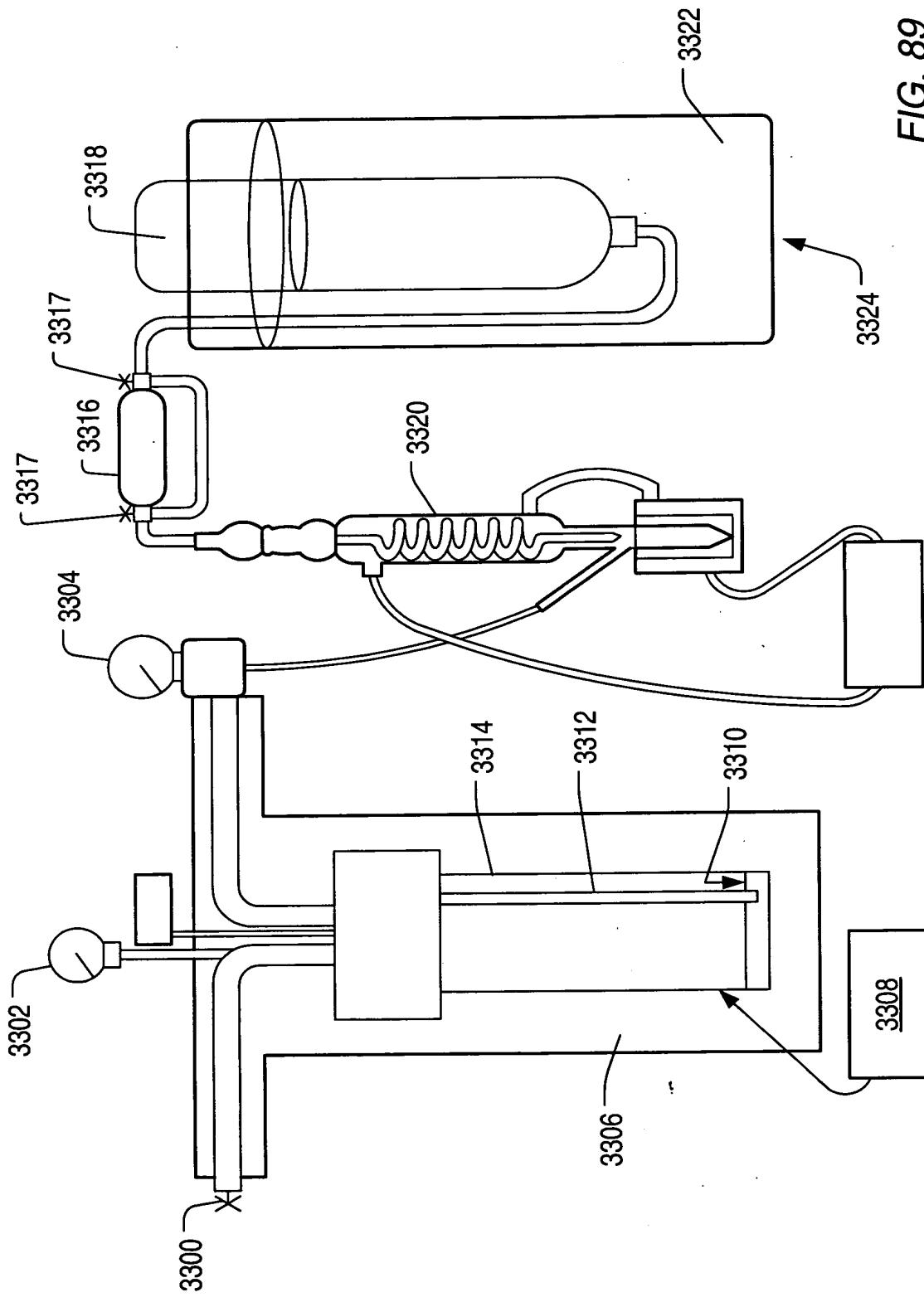
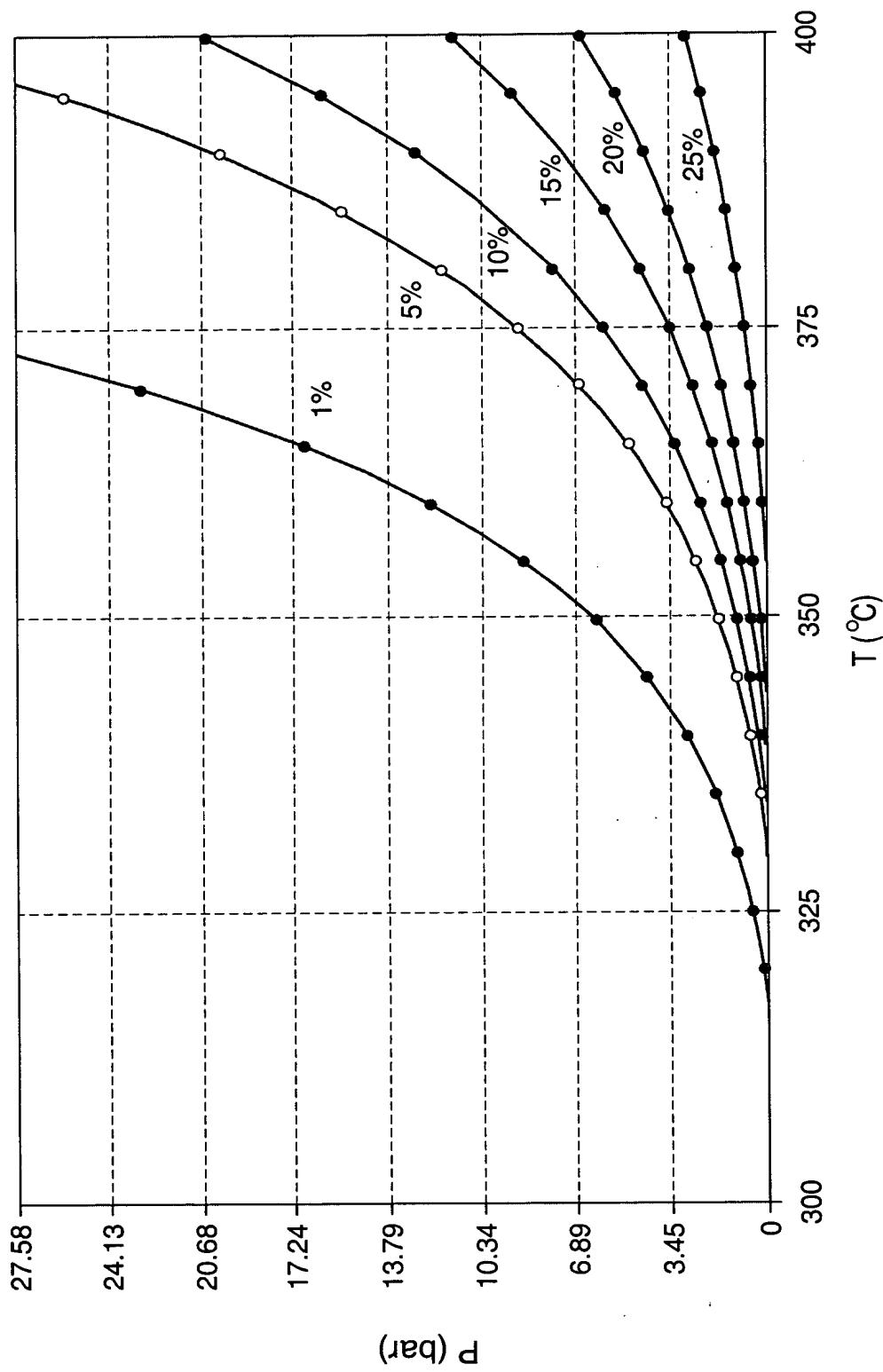


FIG. 89

FIG. 90



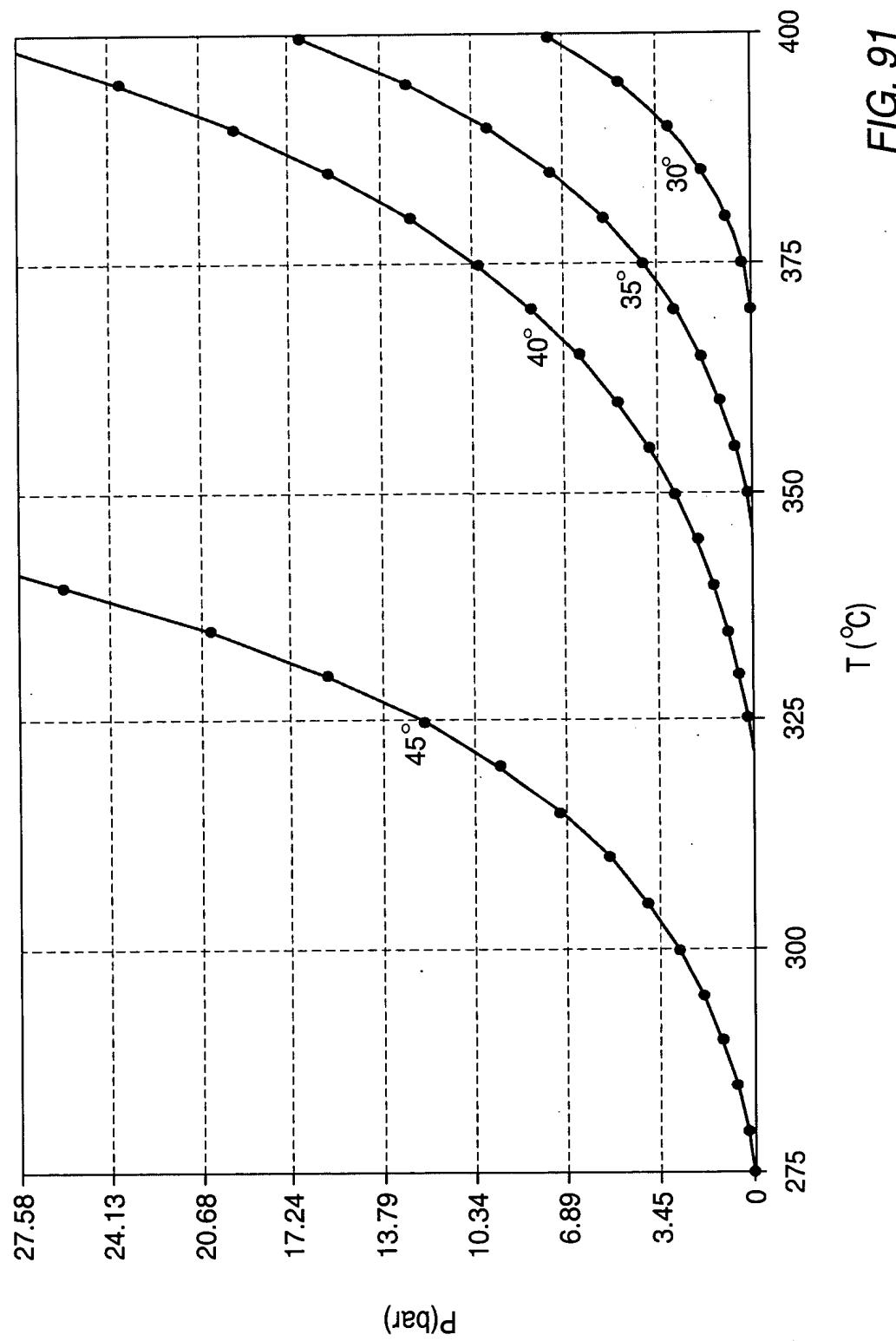
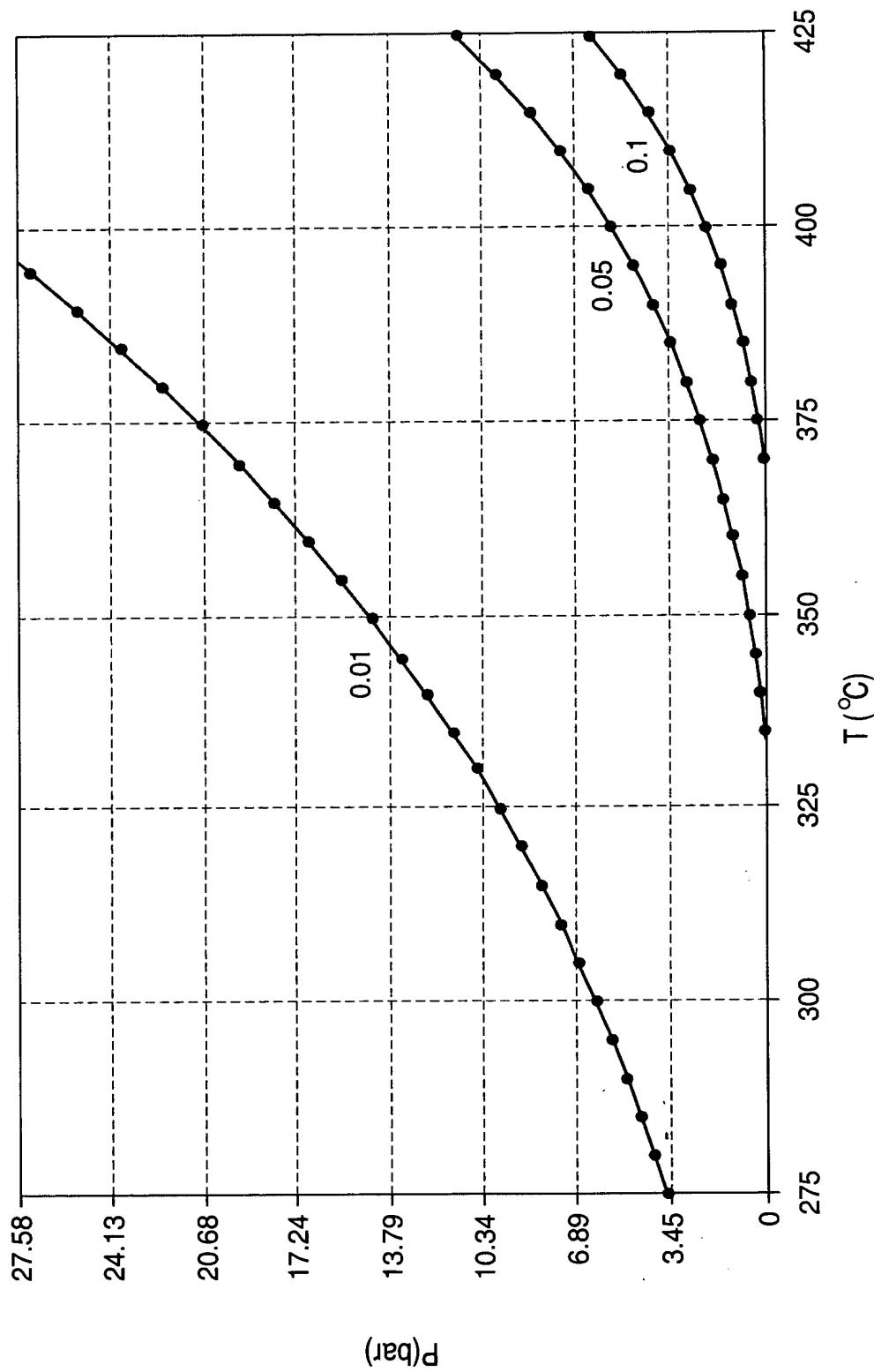


FIG. 91

FIG. 92



F/G. 93

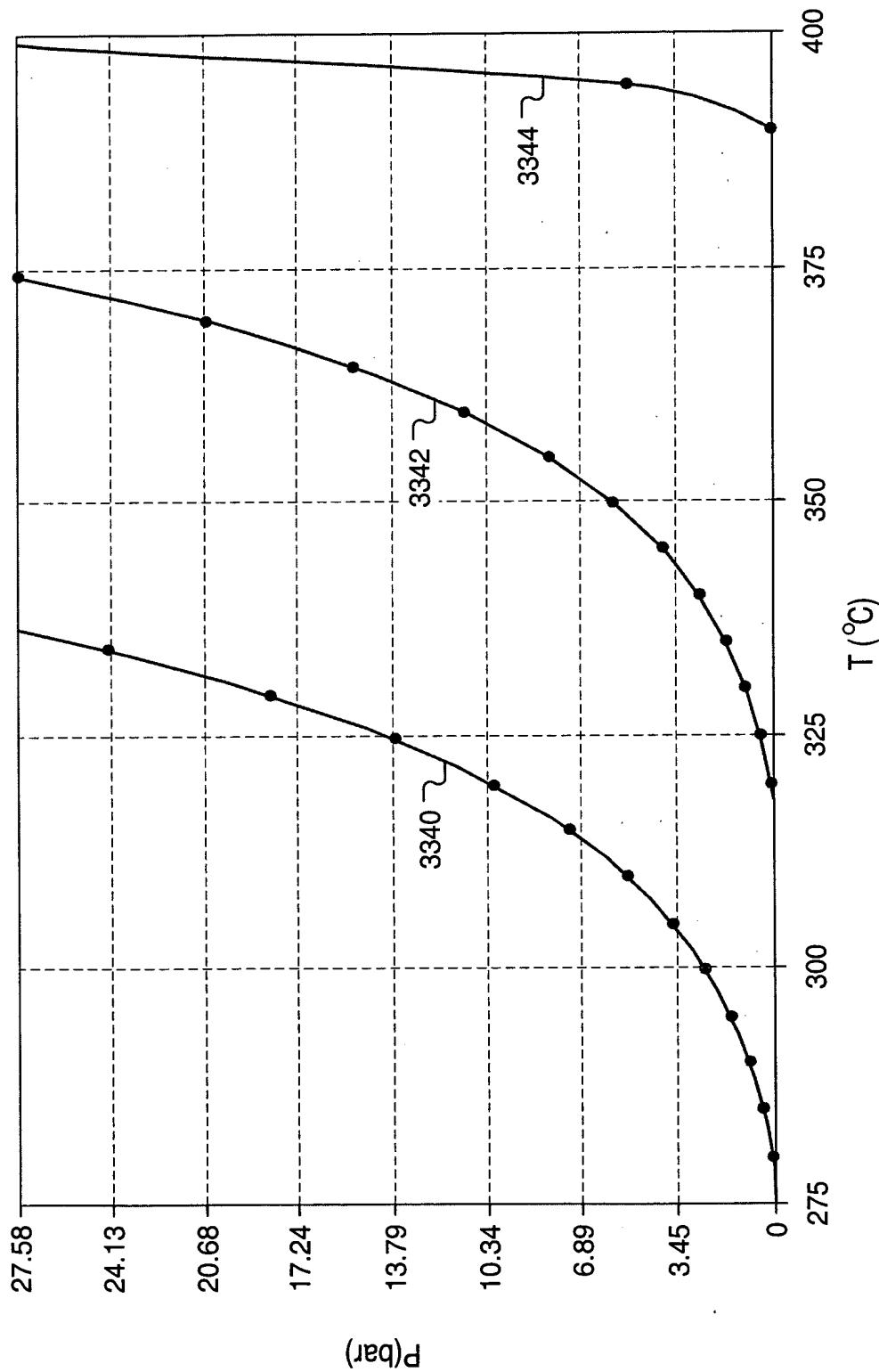


FIG. 94

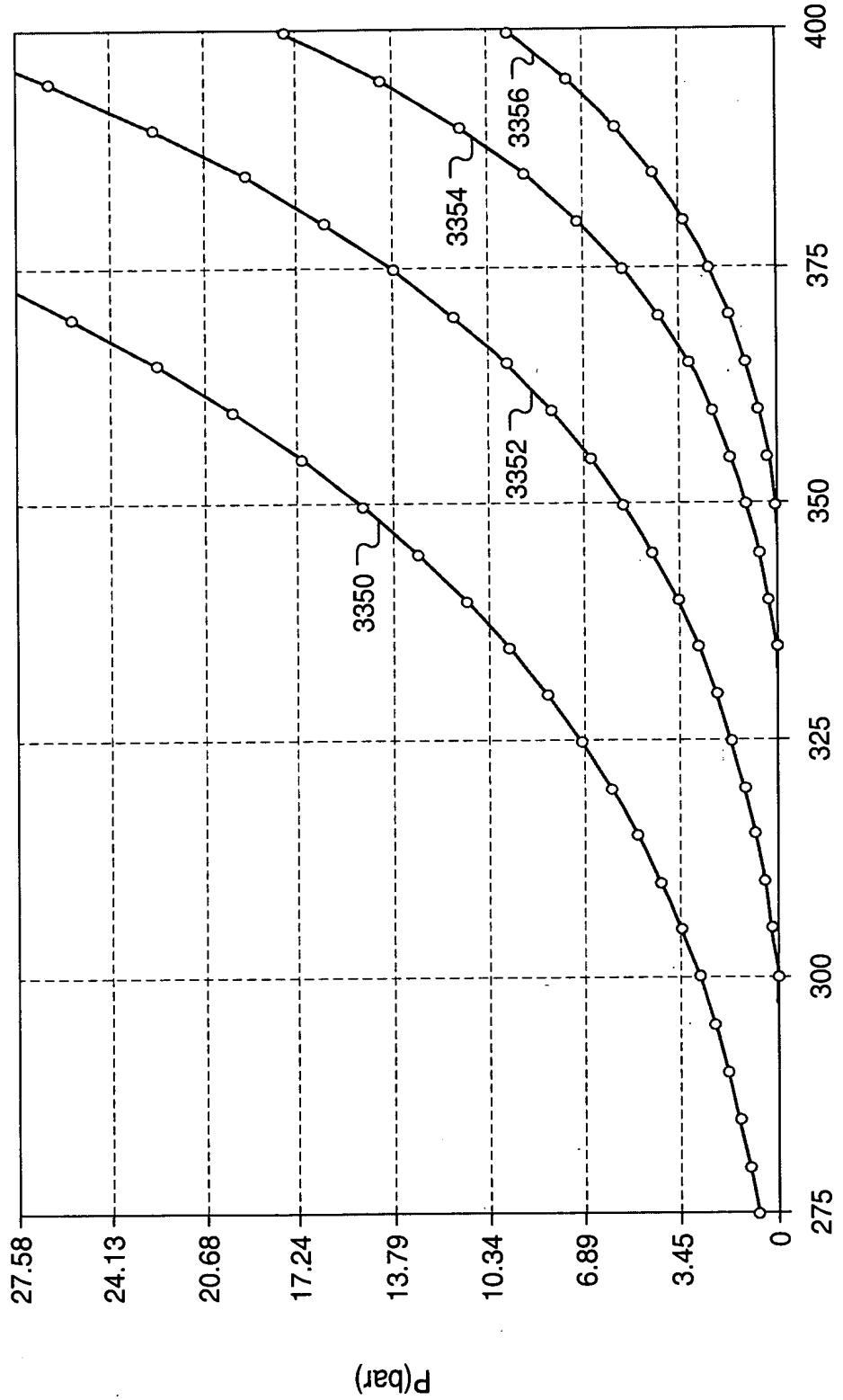


FIG. 95

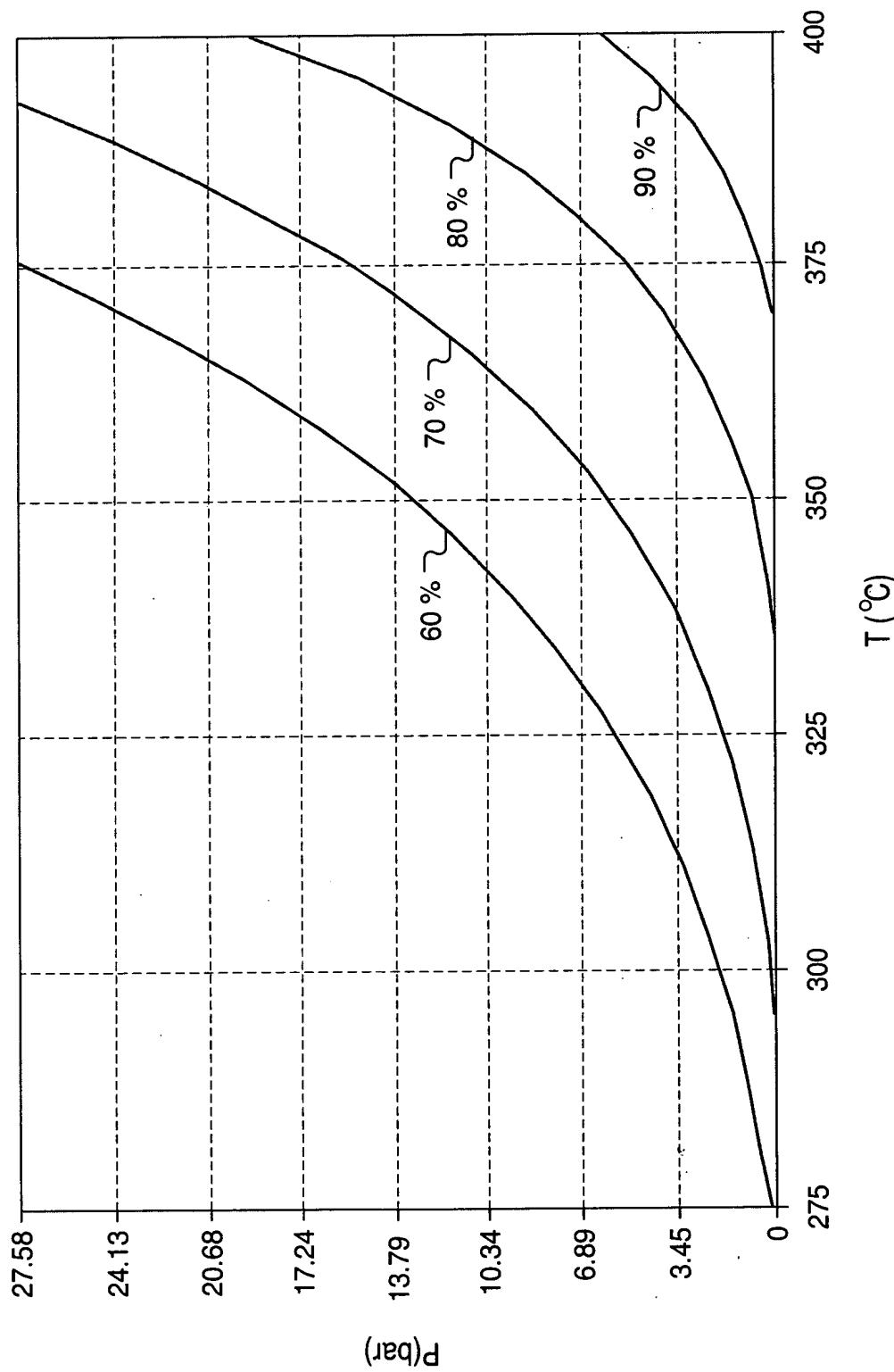
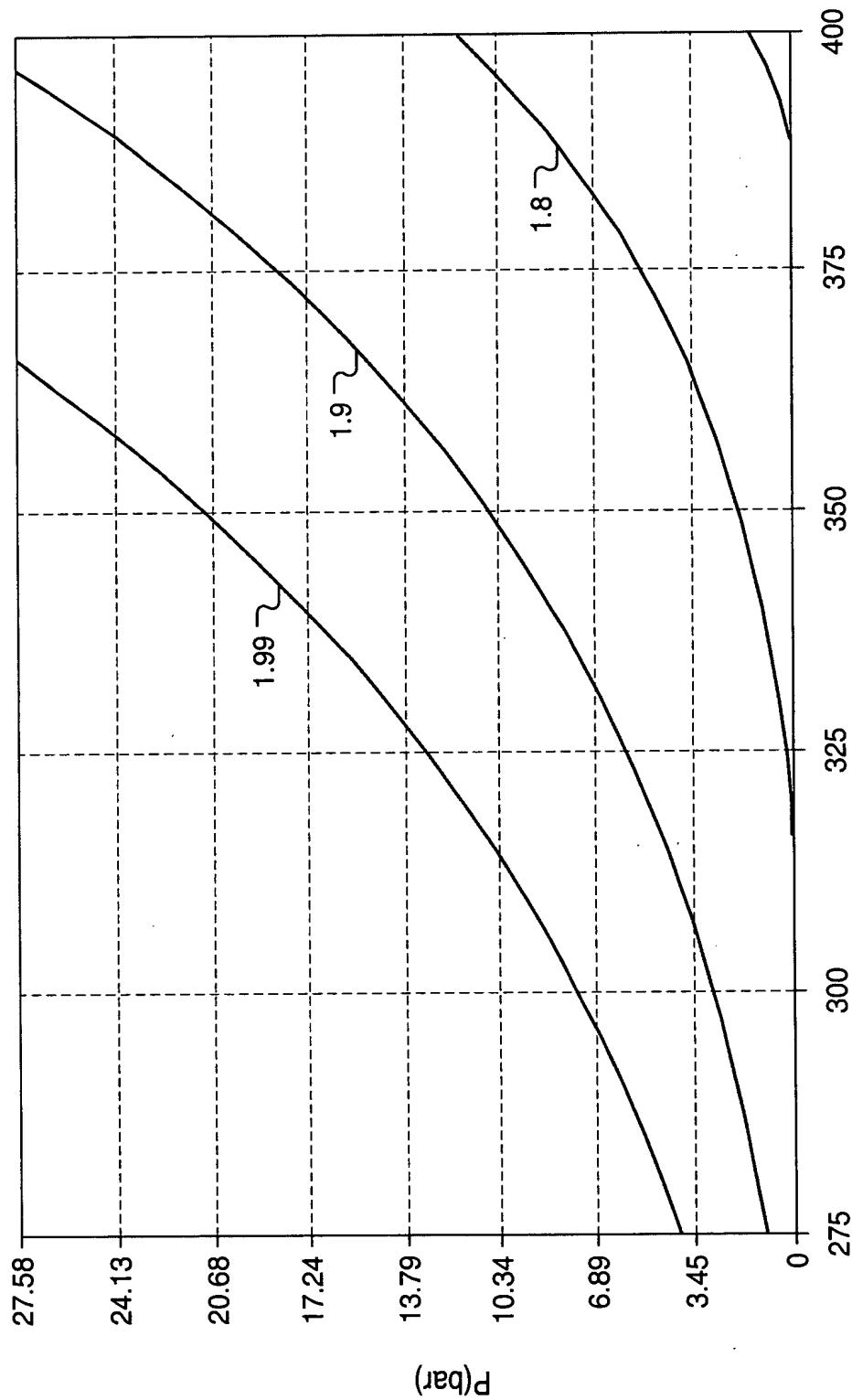


FIG. 96



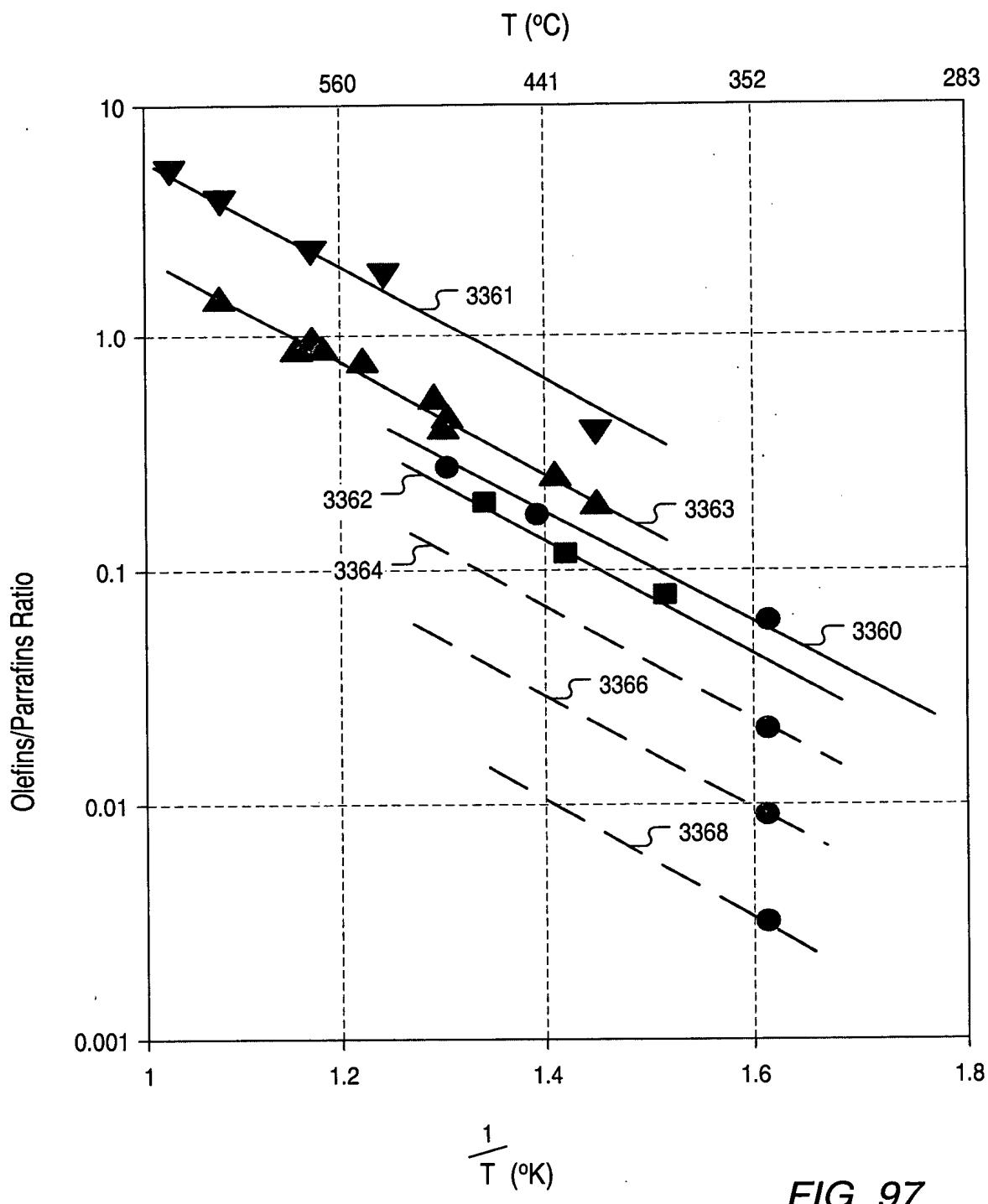
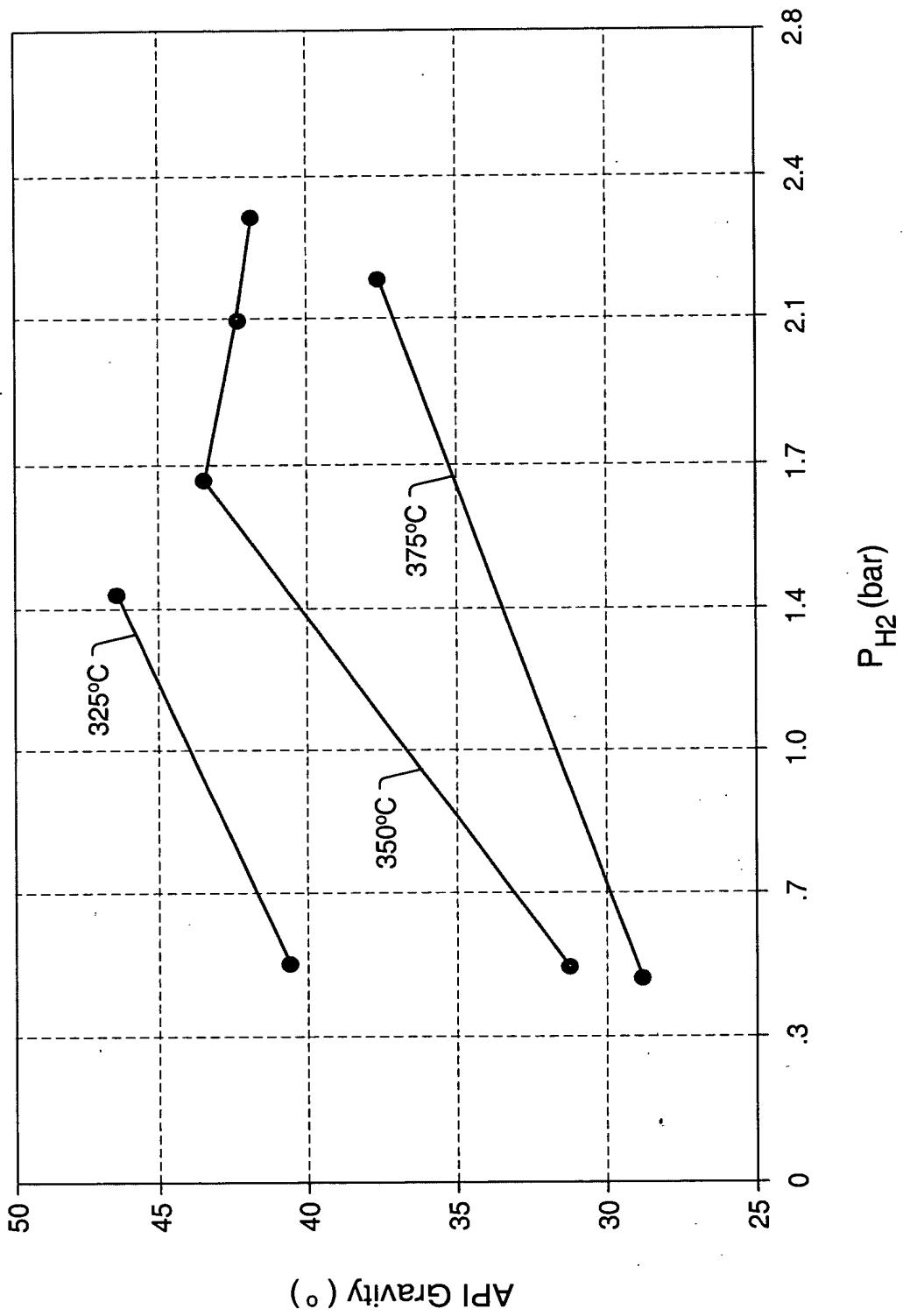


FIG. 97

FIG. 98



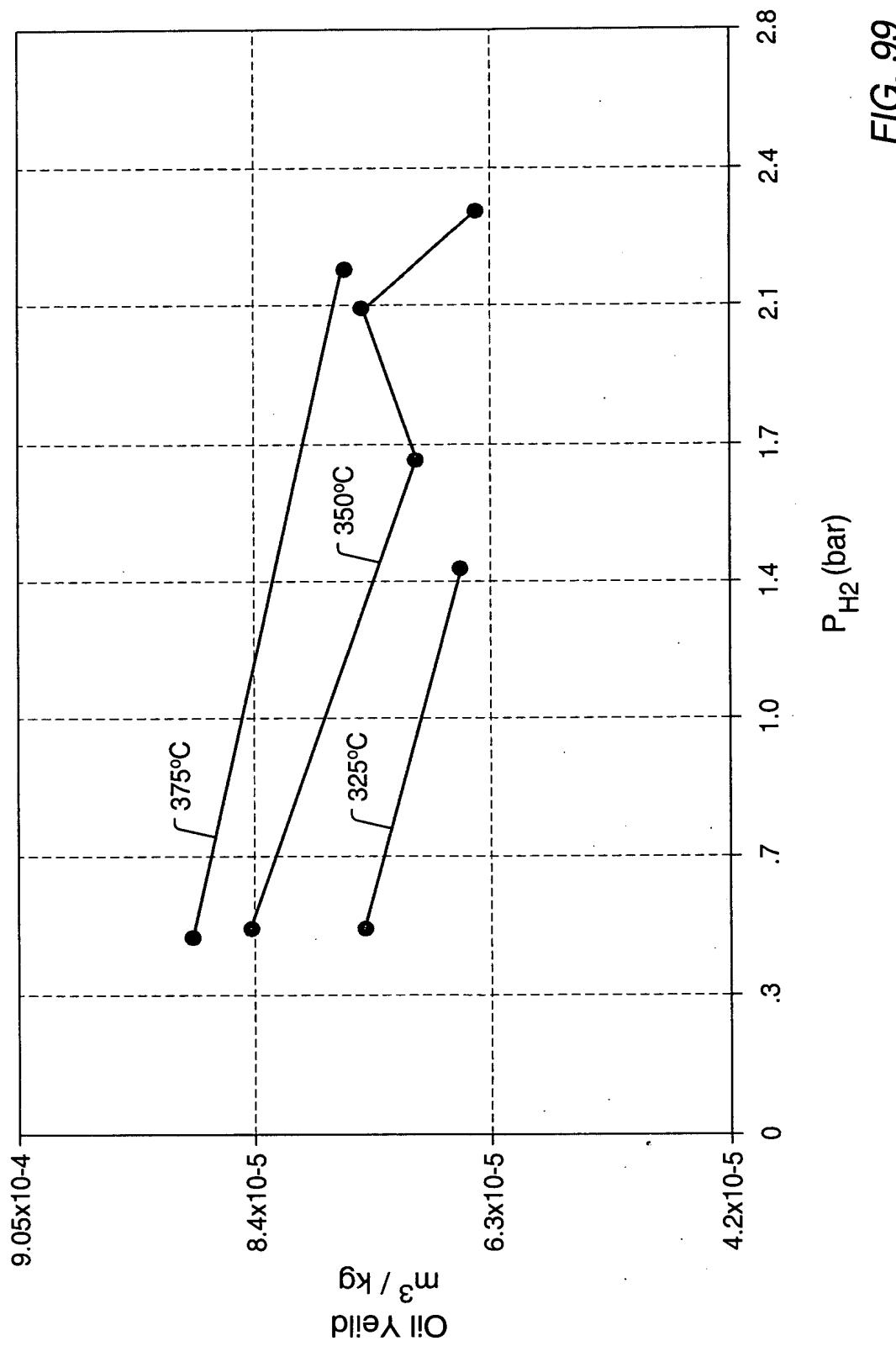
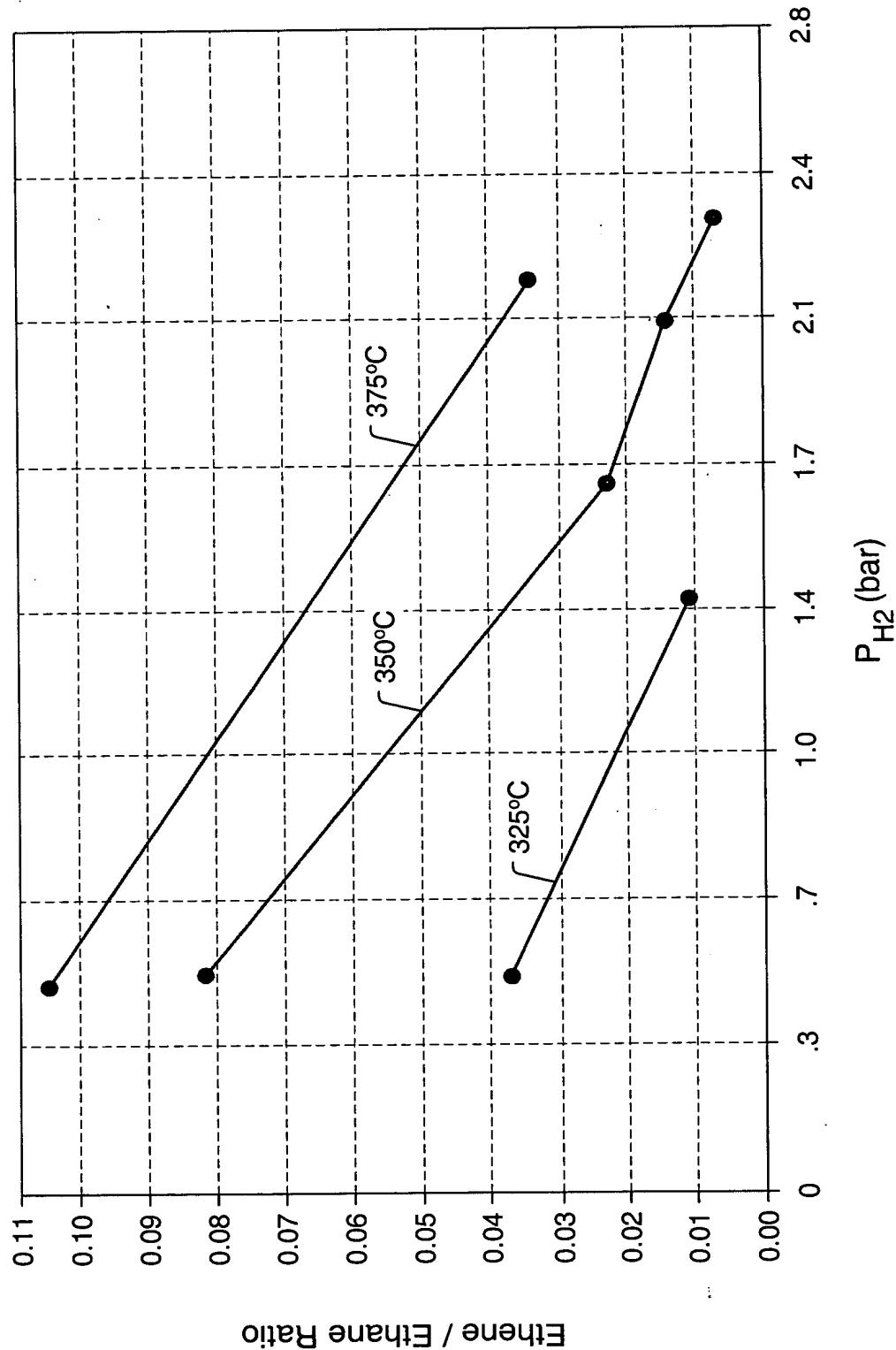


FIG. 99

FIG. 100



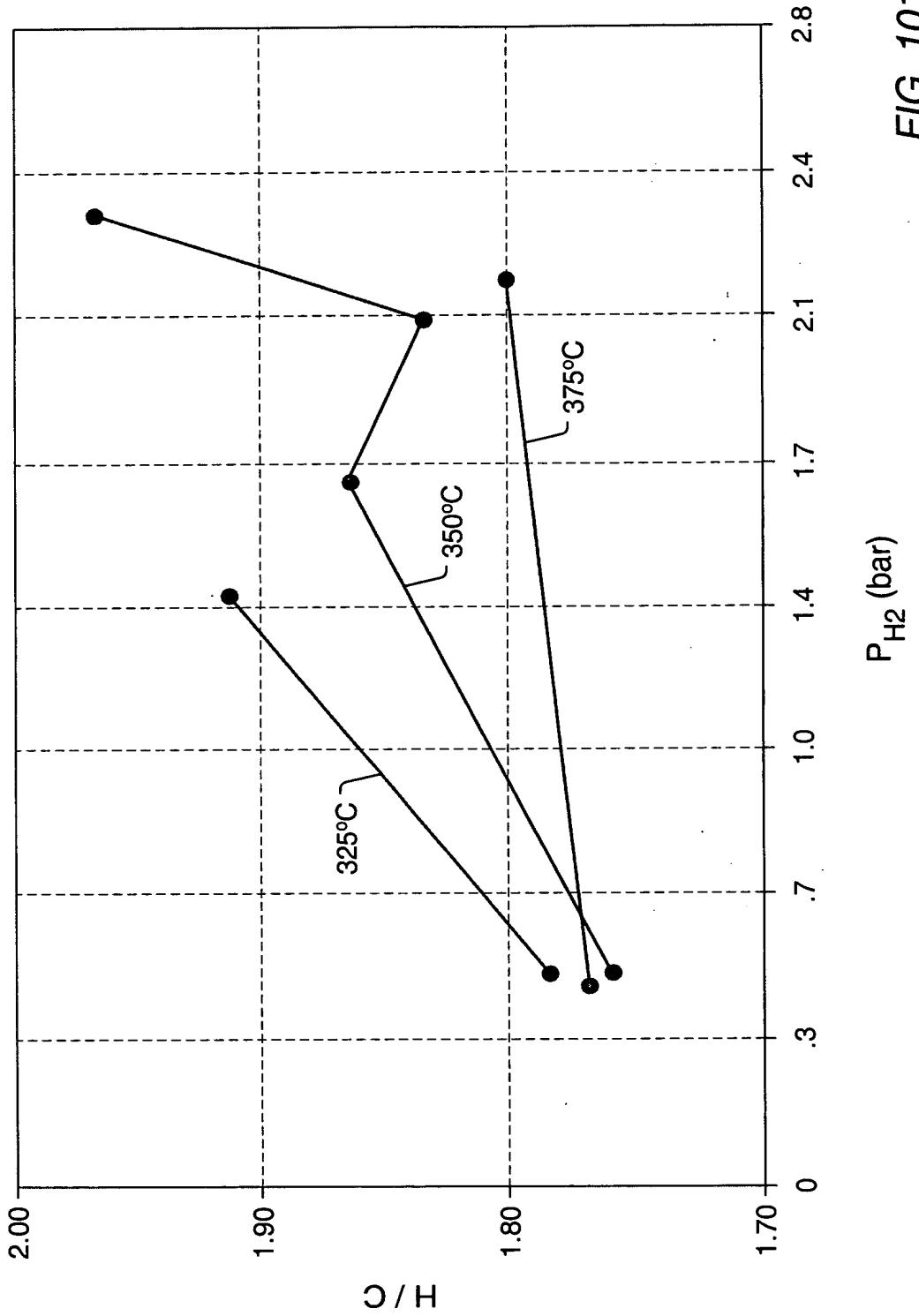


FIG. 101

FIG. 102

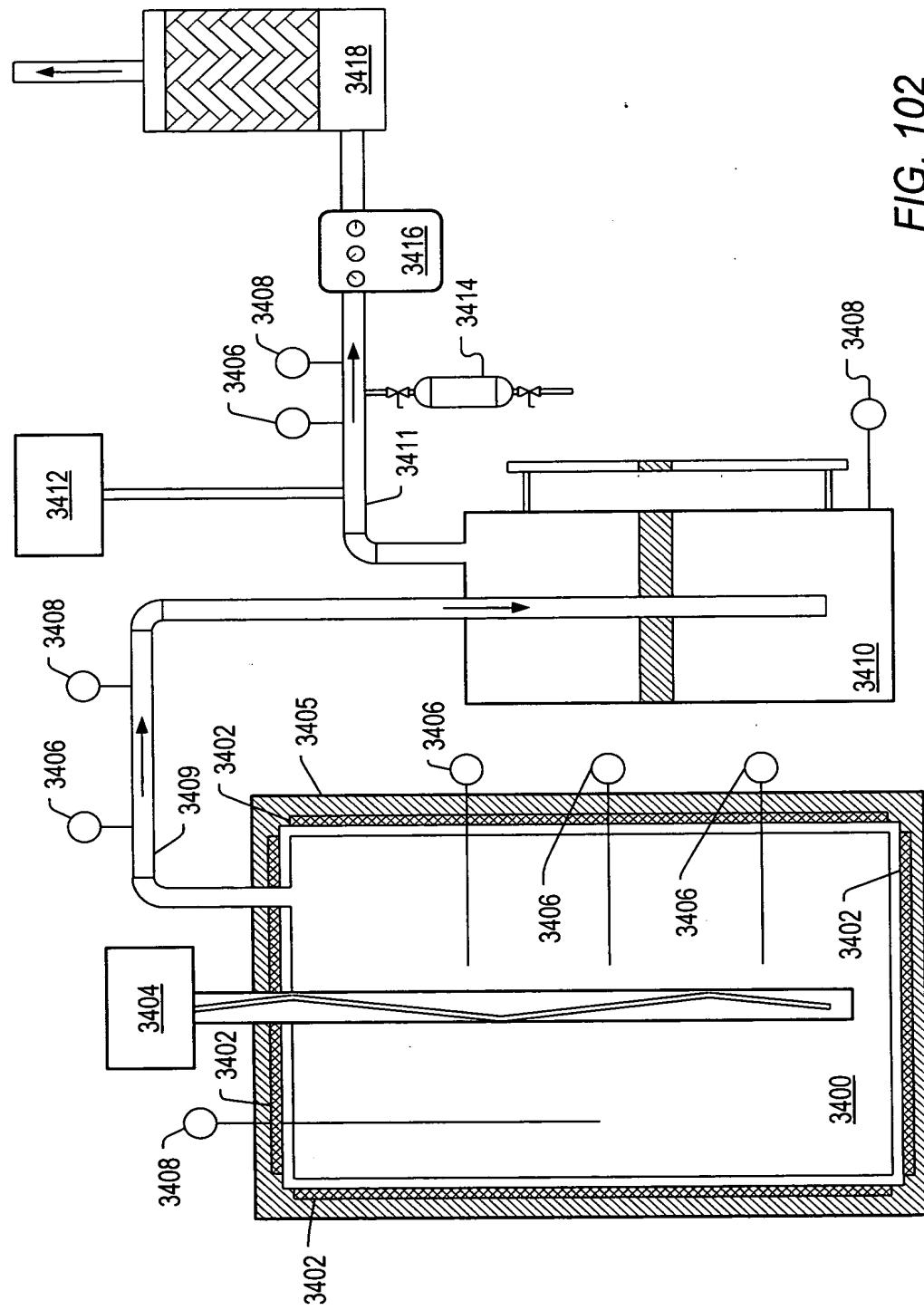
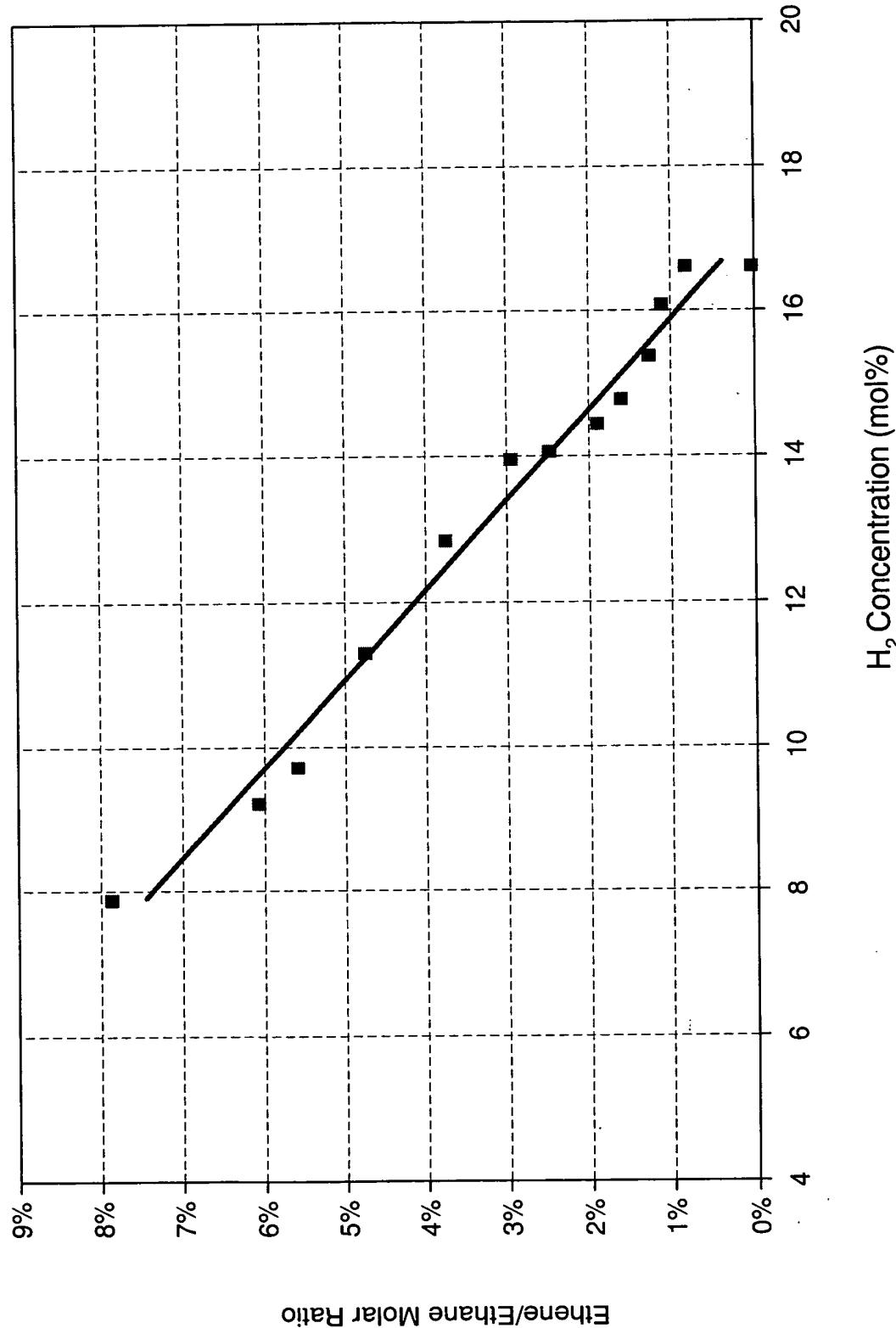
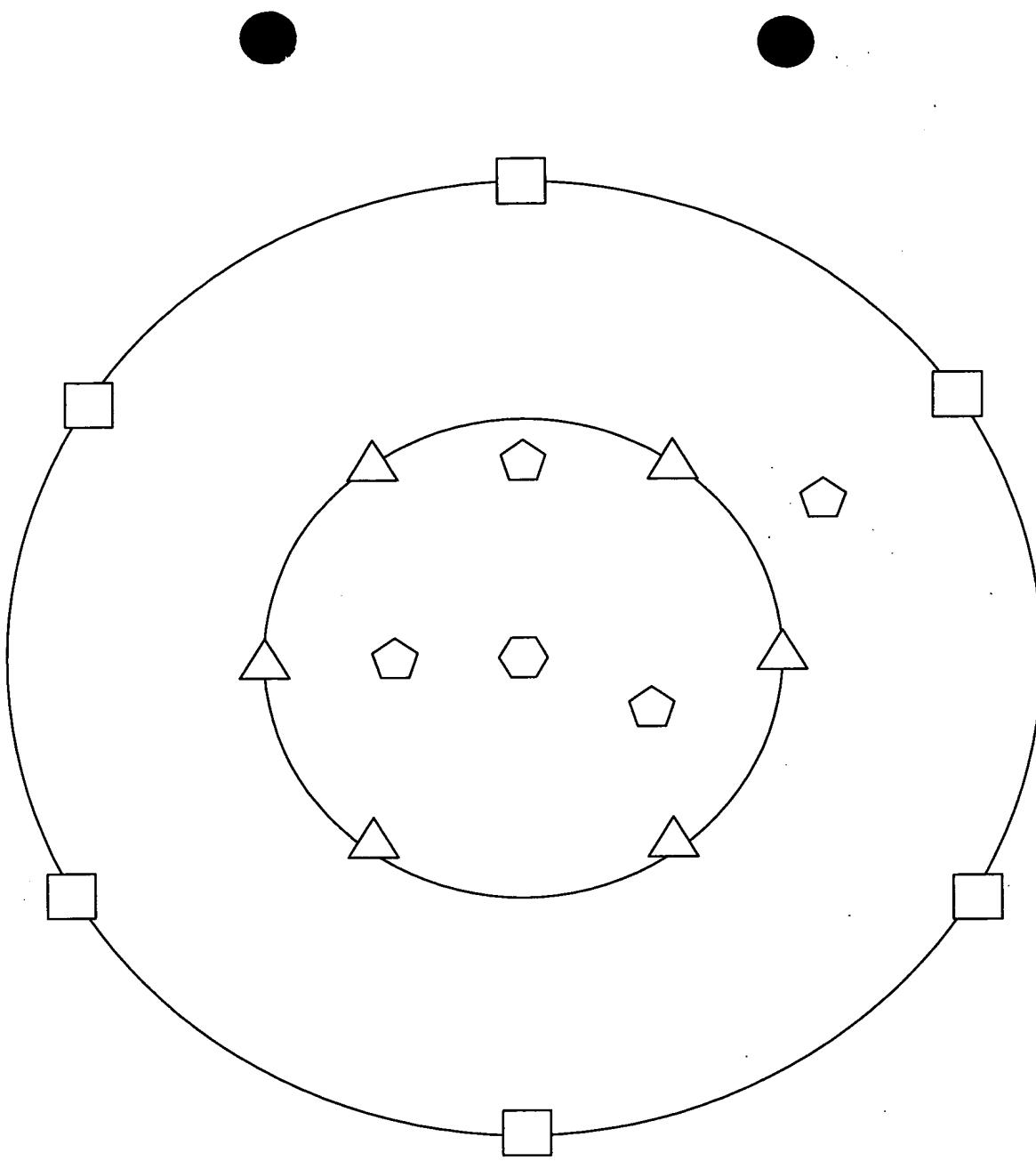


FIG. 103





△ - 3600

pentagon - 3603

□ - 3604

hexagon - 3602

FIG. 104

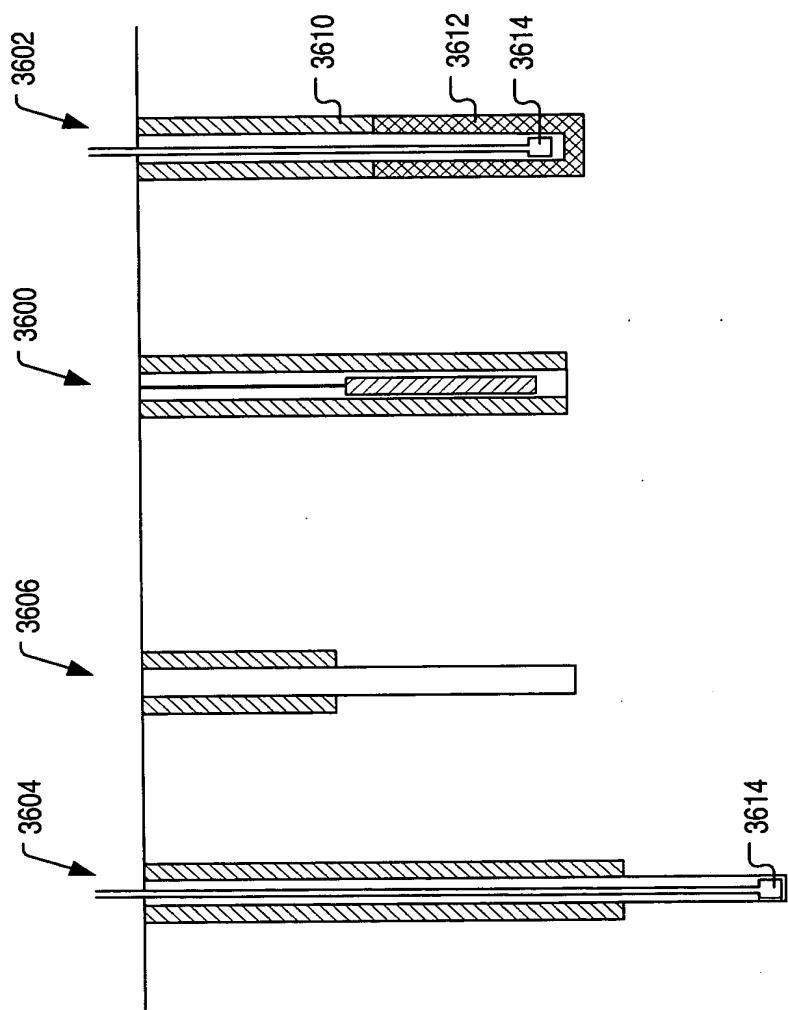


FIG. 105

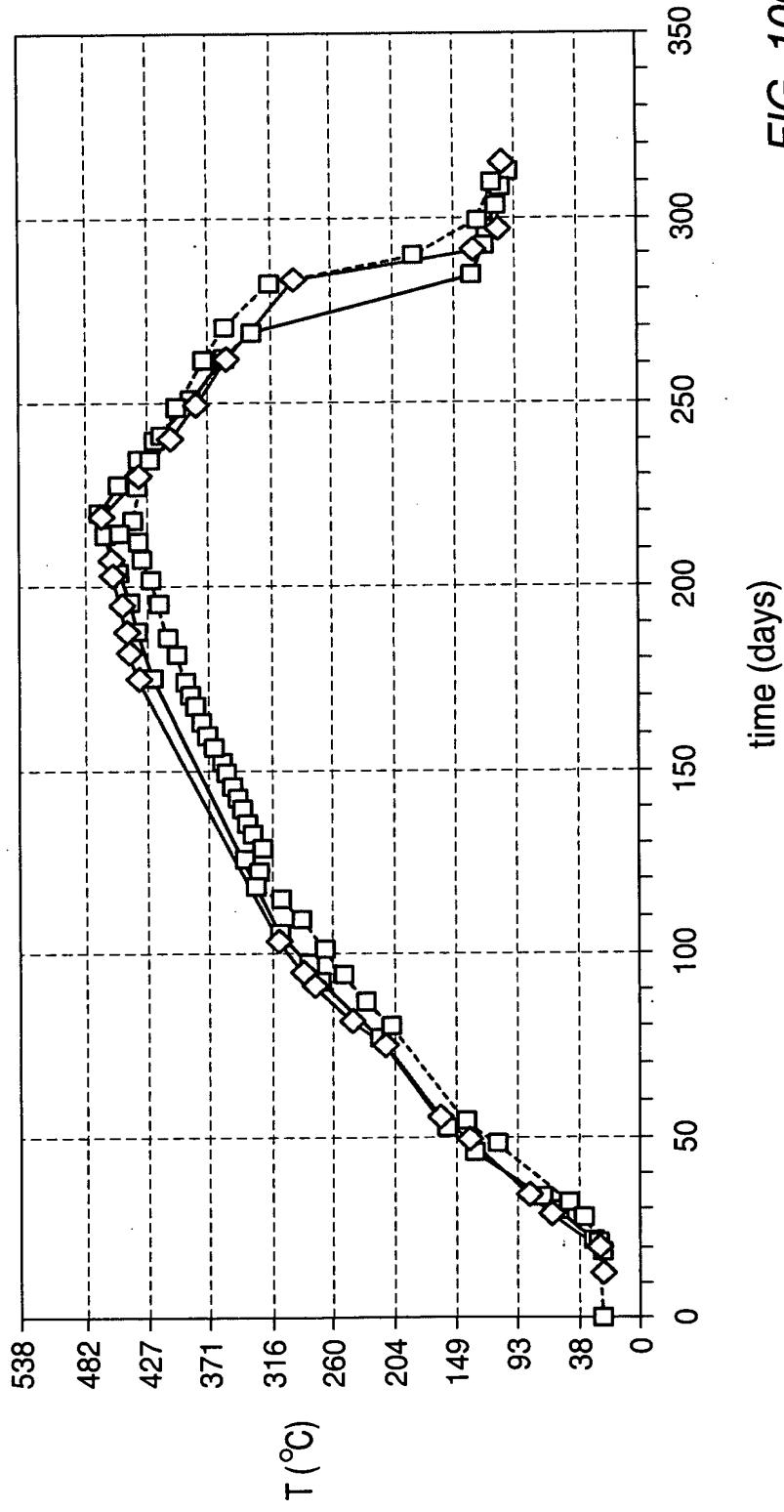


FIG. 106

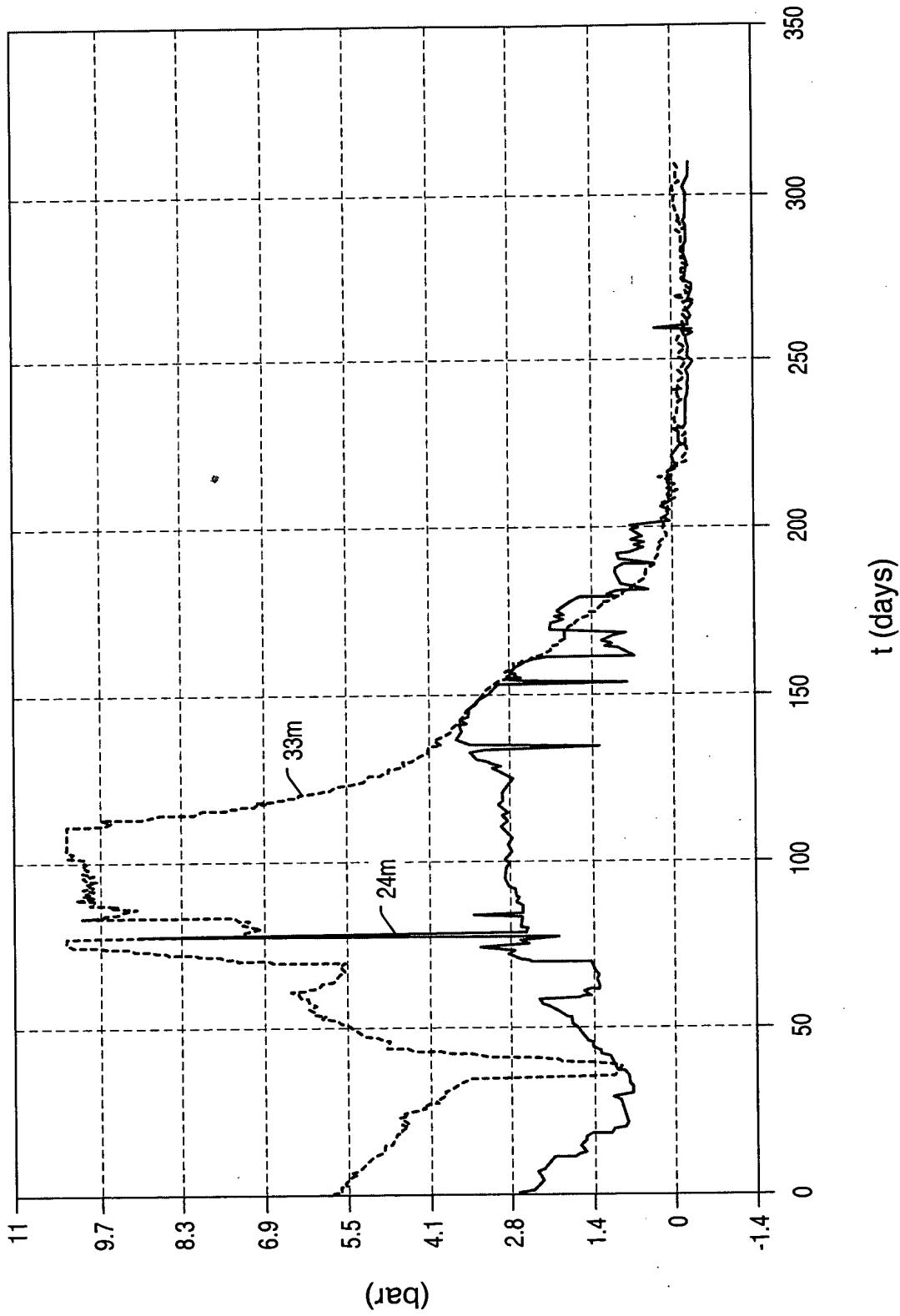


FIG. 107

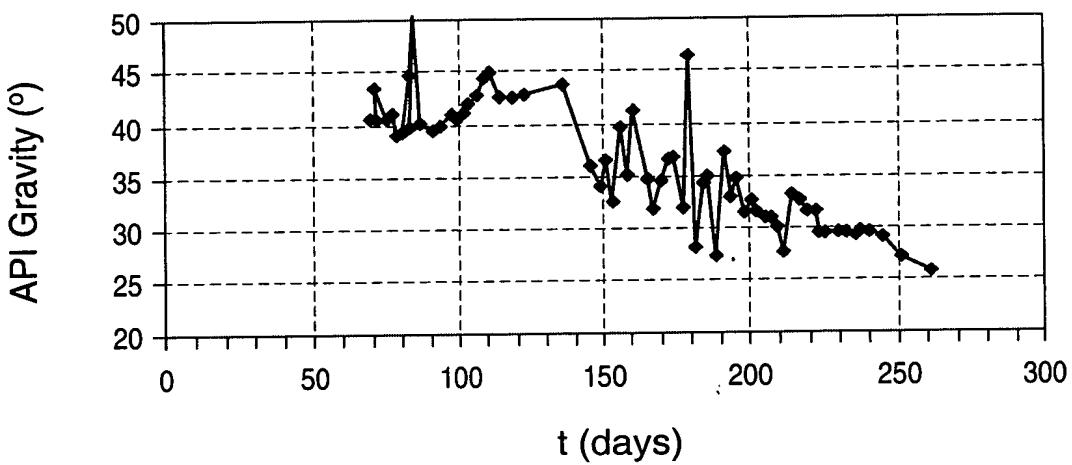


FIG. 108

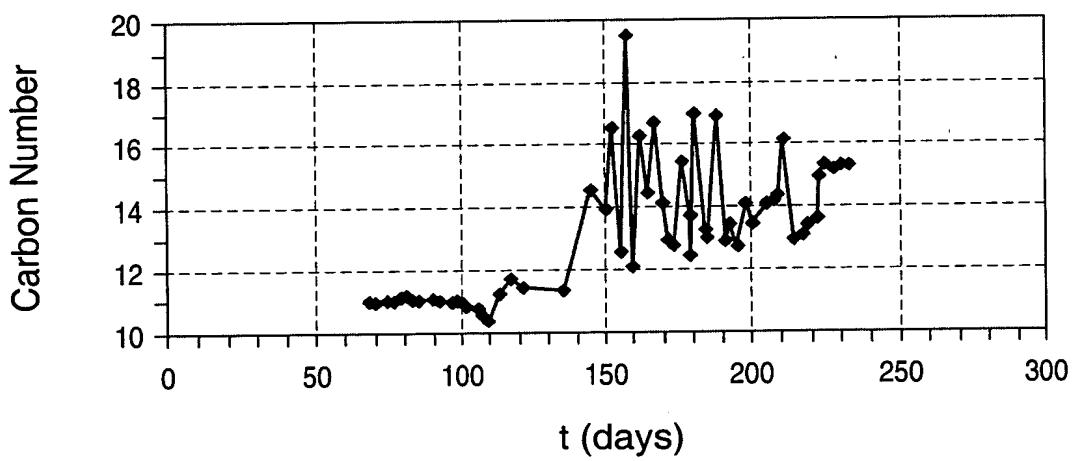


FIG. 109

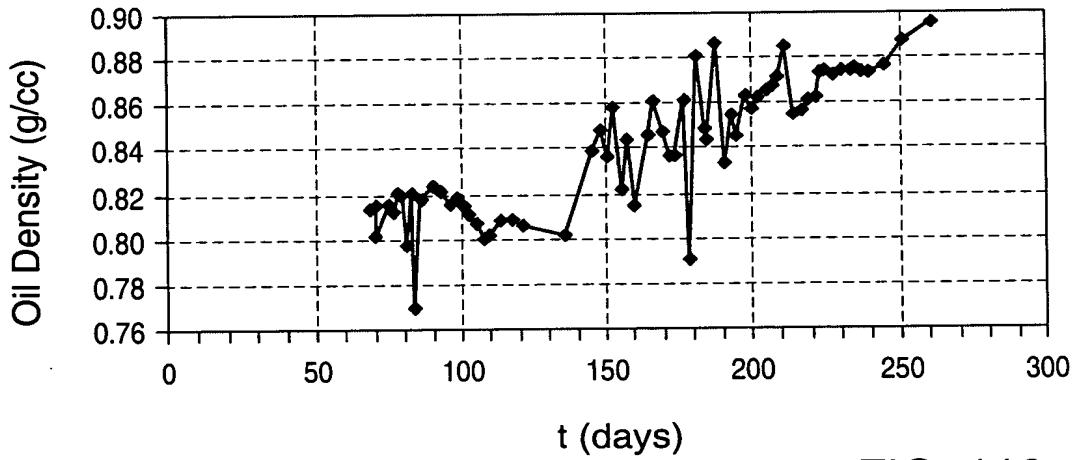


FIG. 110

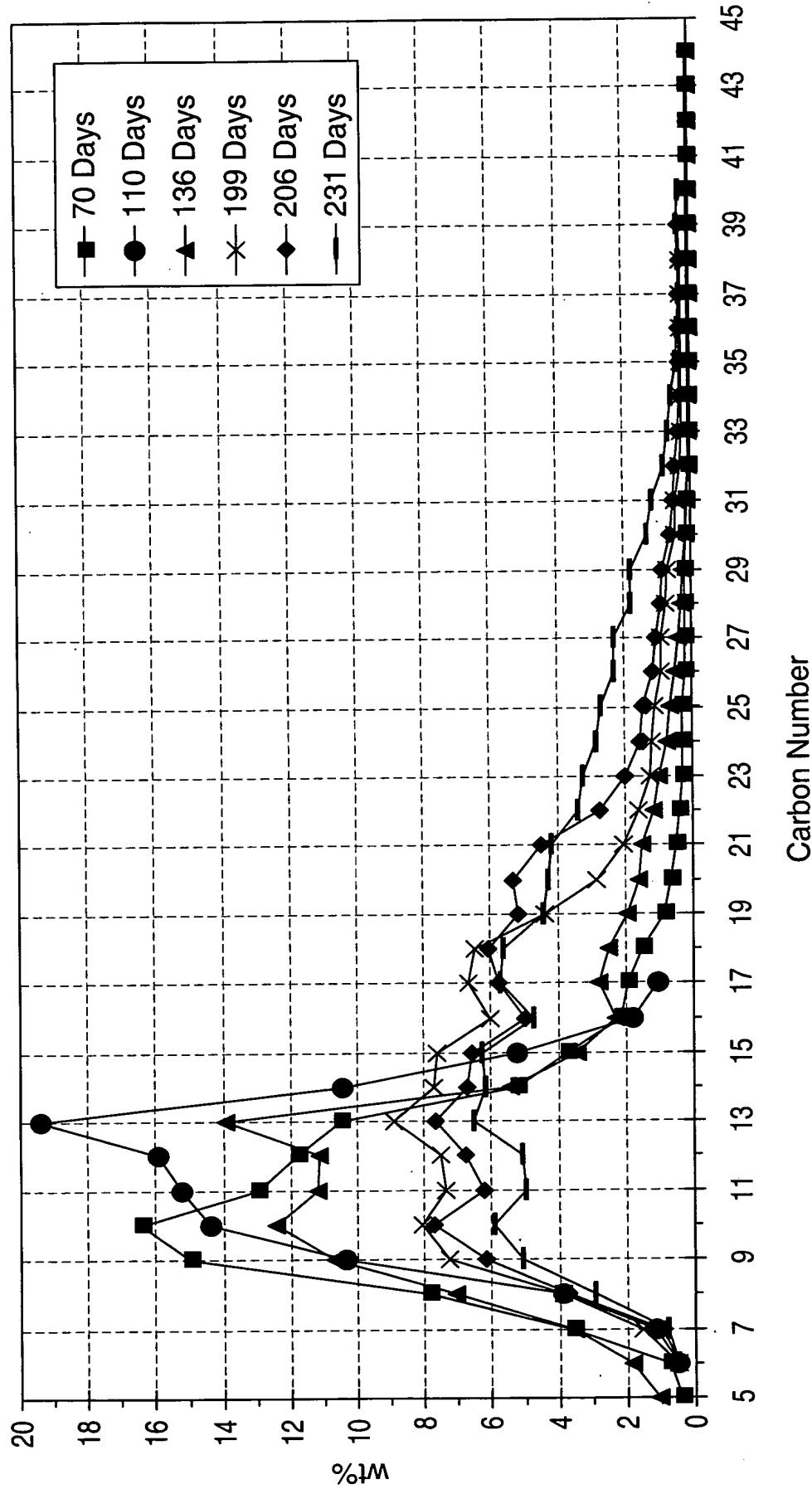


FIG. 111

Carbon Number

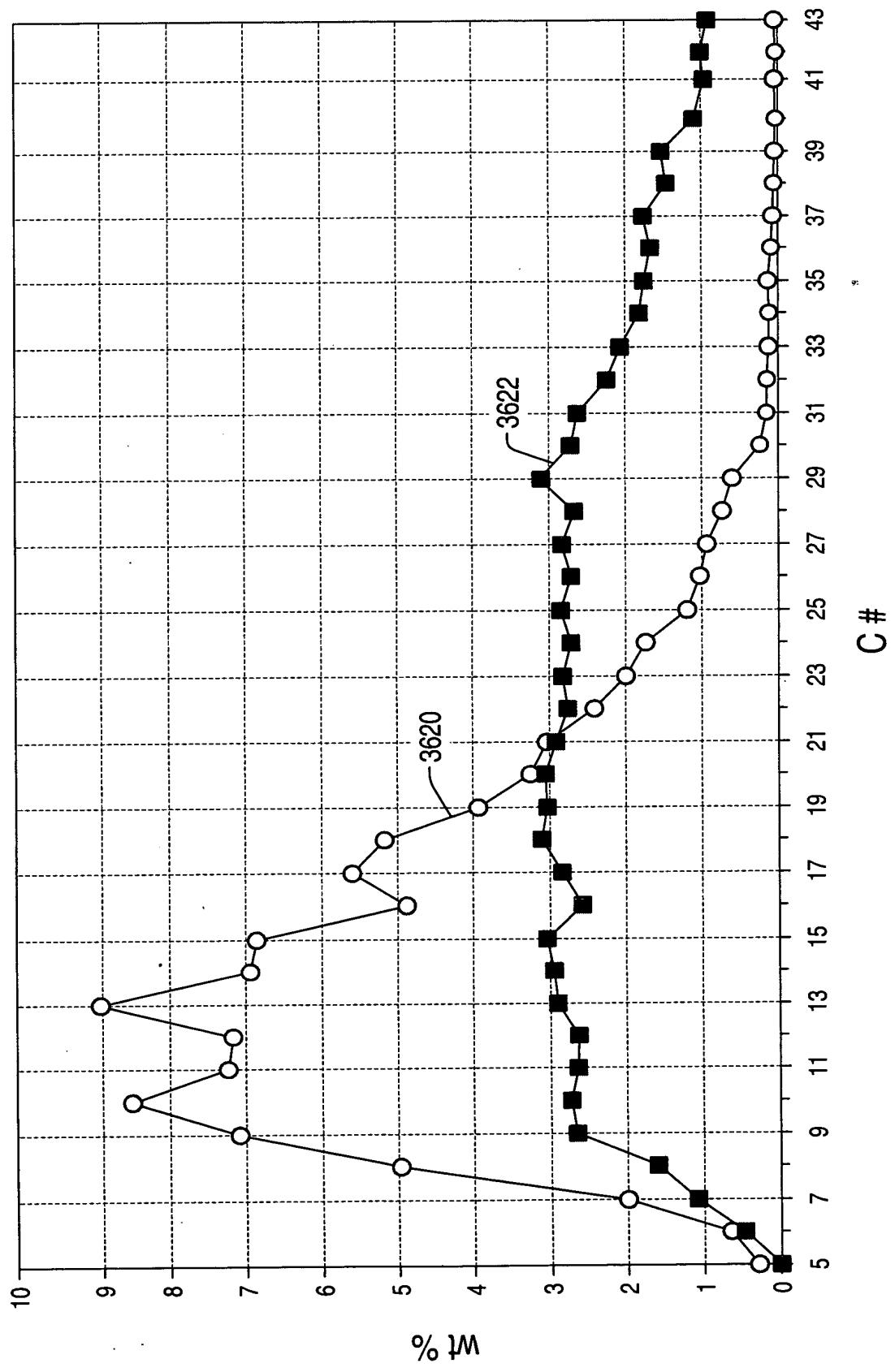


FIG. 112

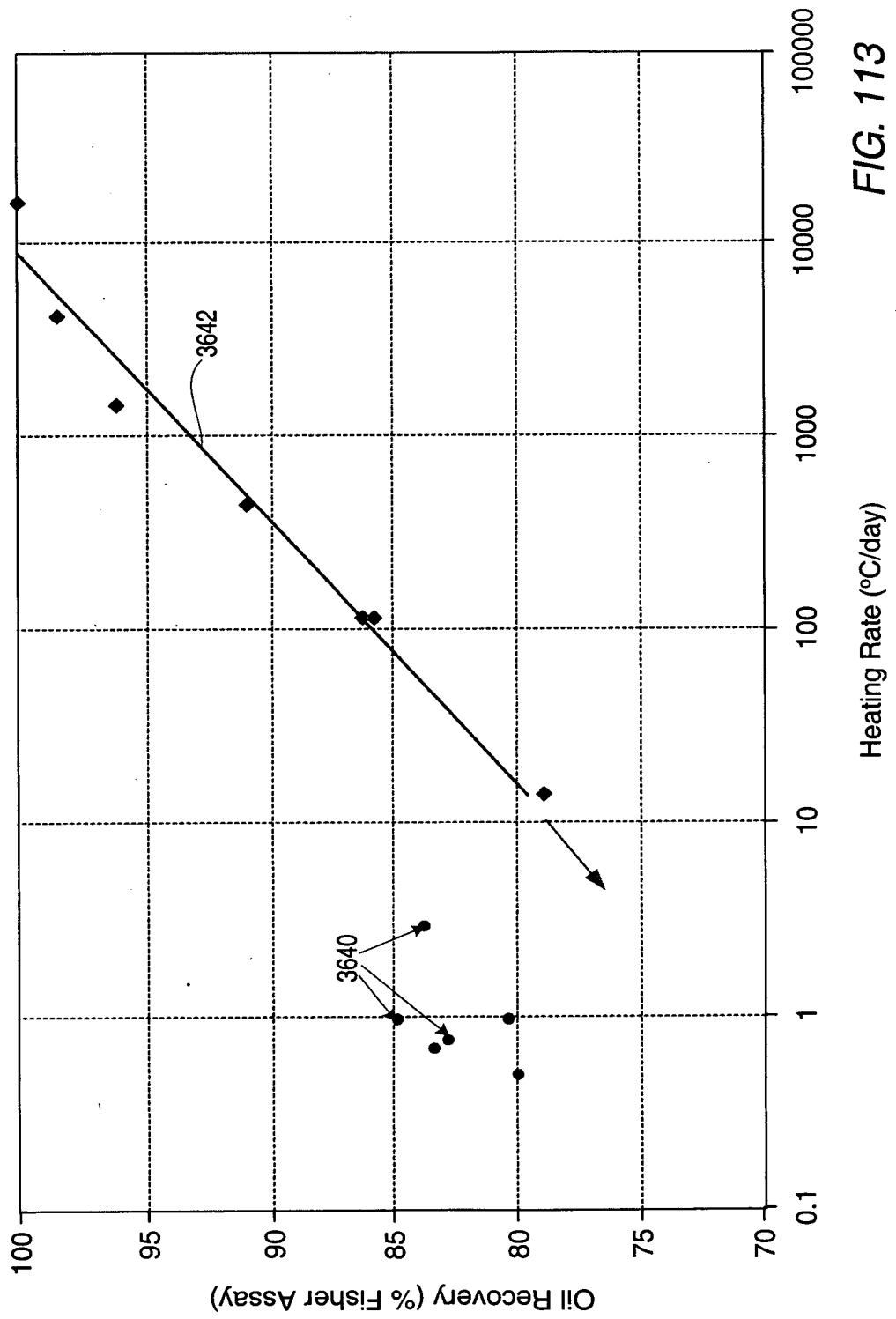


FIG. 113

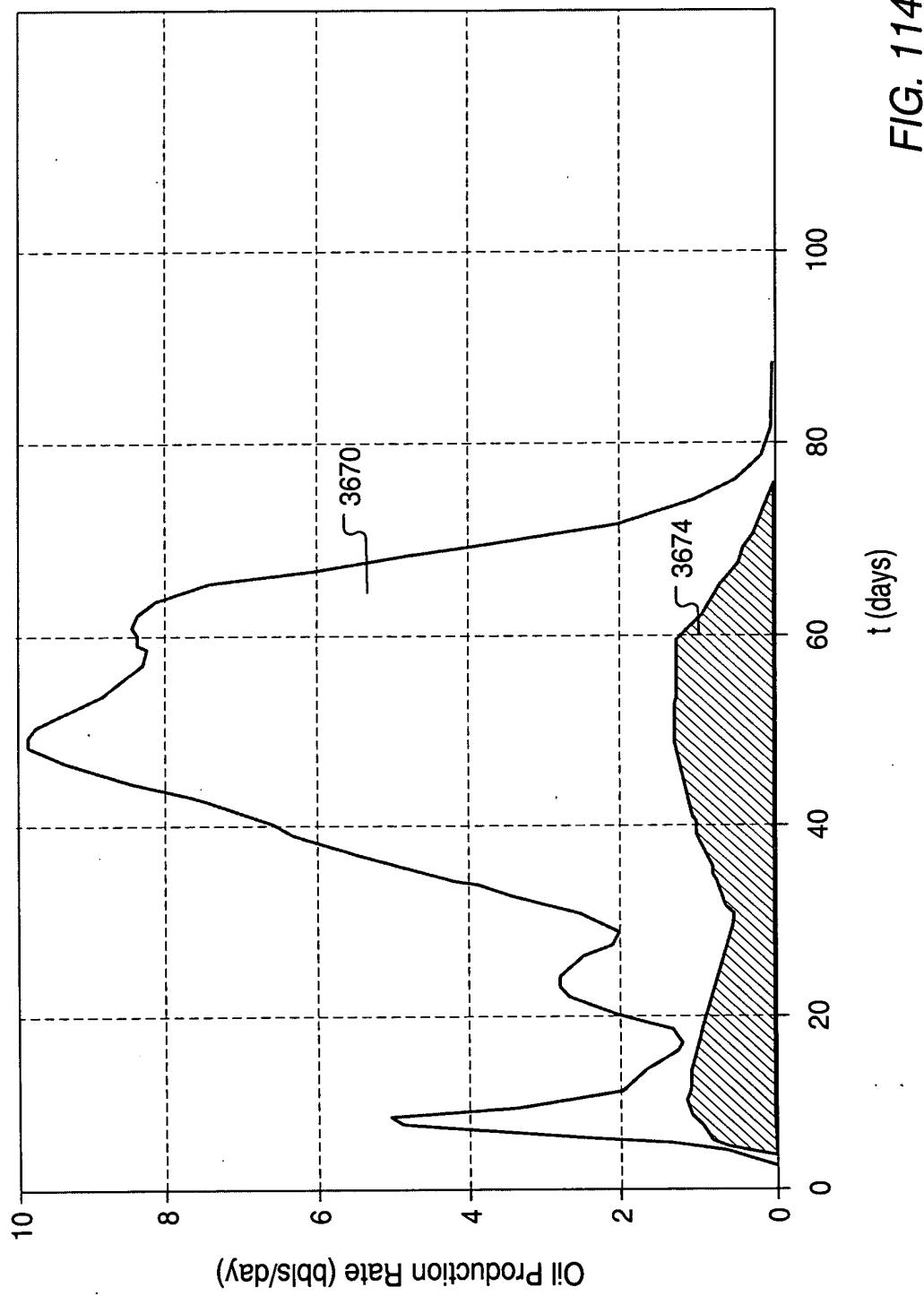


FIG. 114

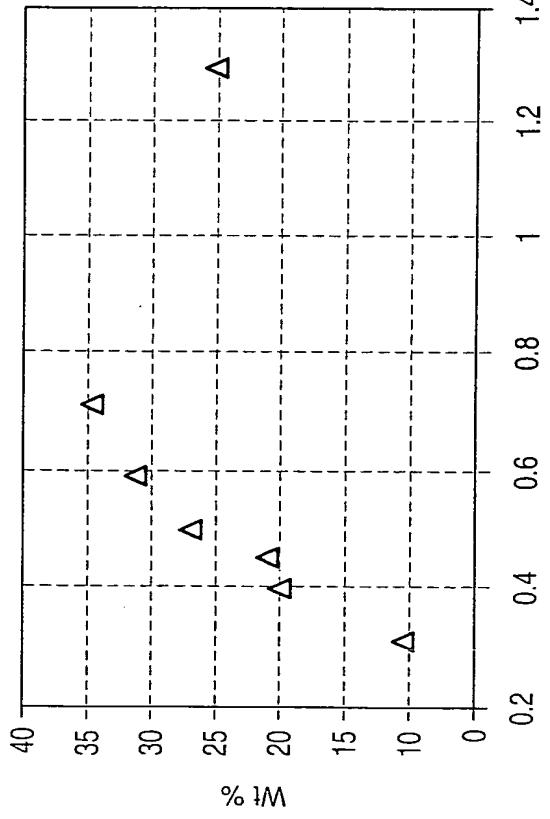


FIG. 115

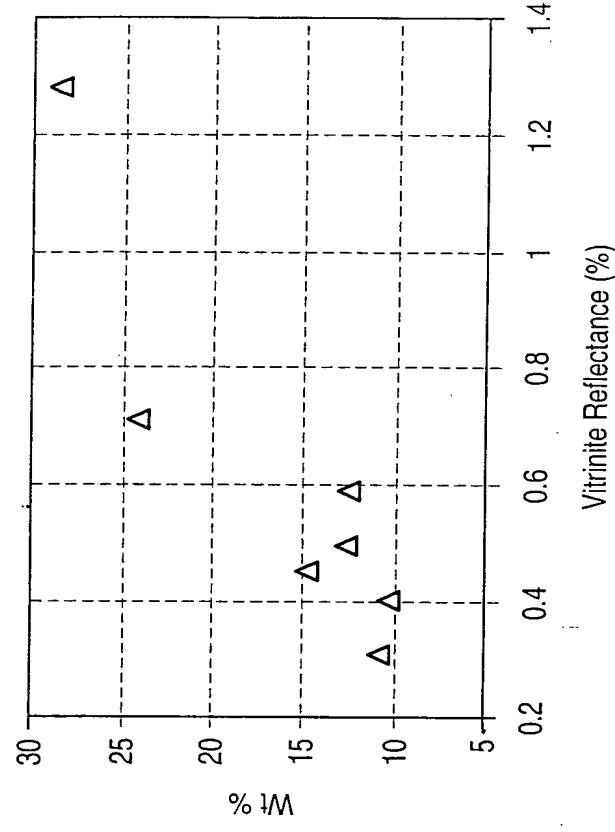


FIG. 116

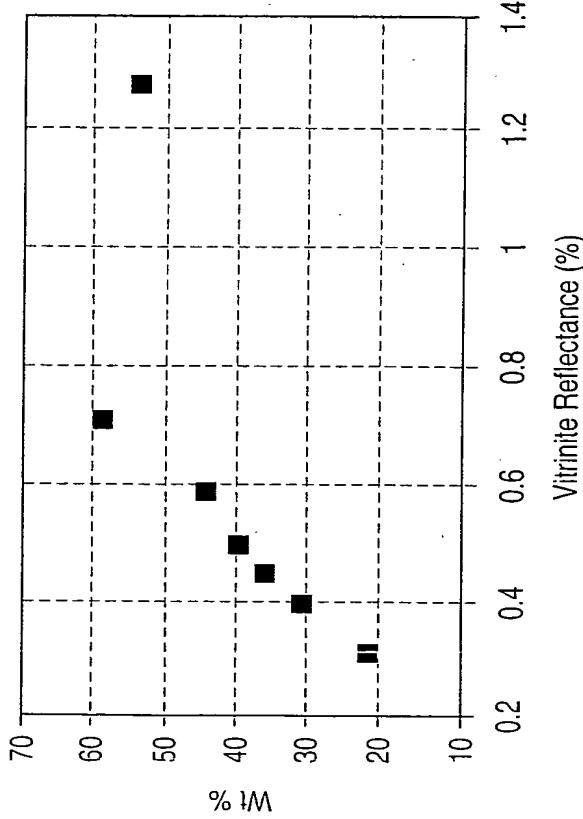


FIG. 117

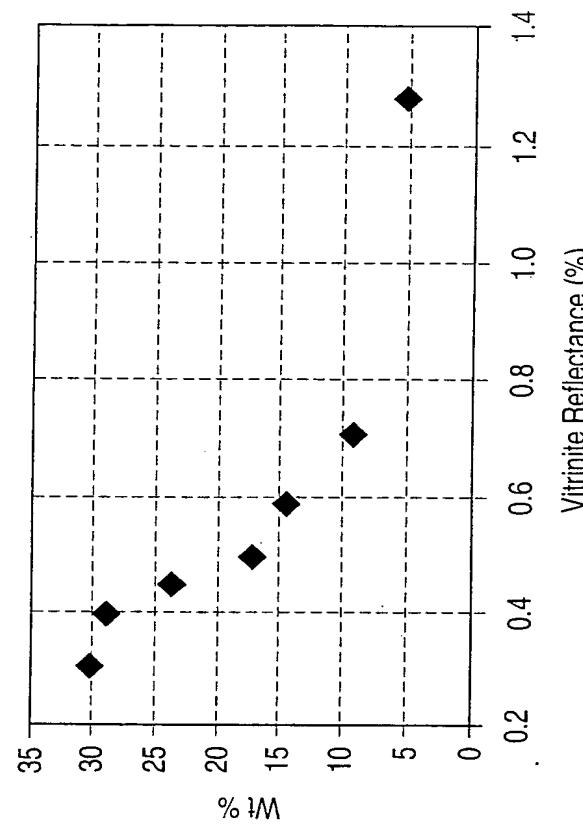


FIG. 118

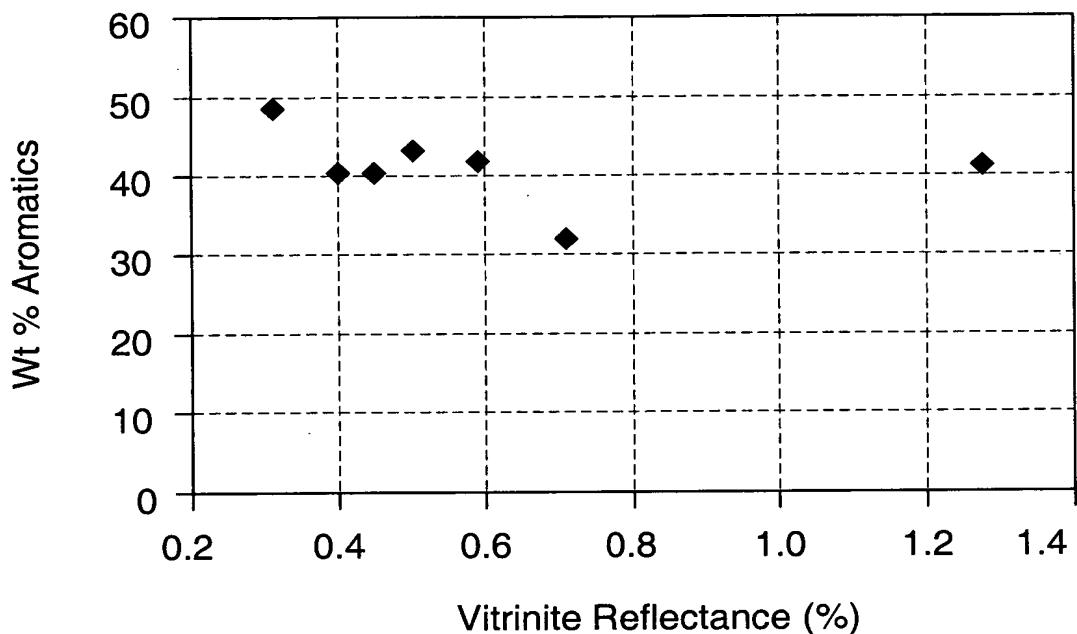


FIG. 119

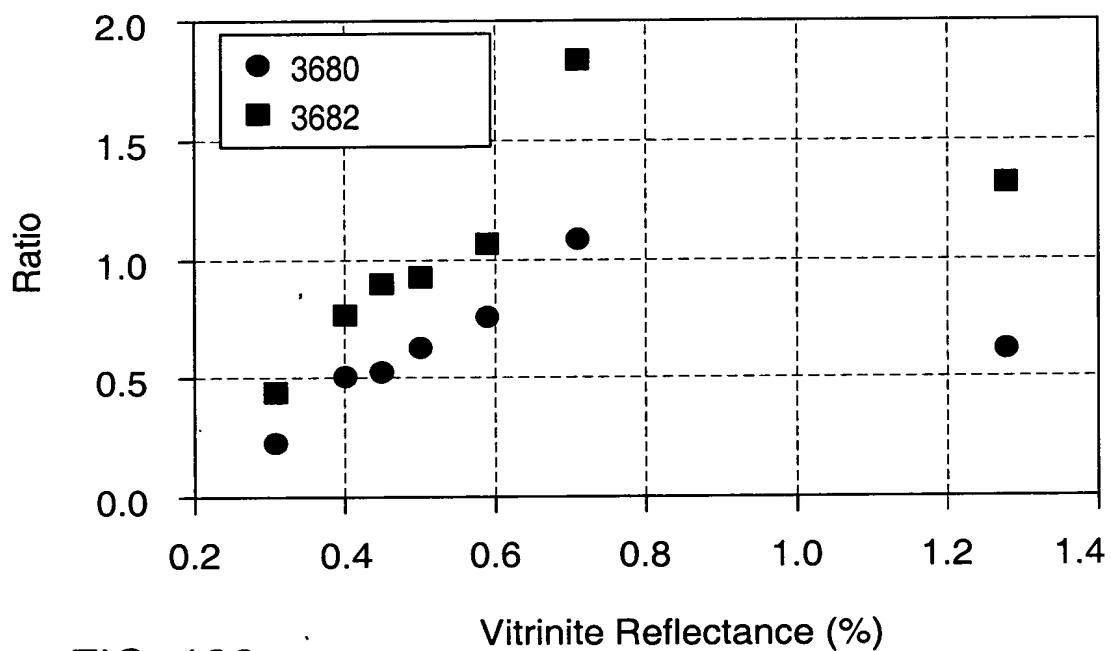


FIG. 120

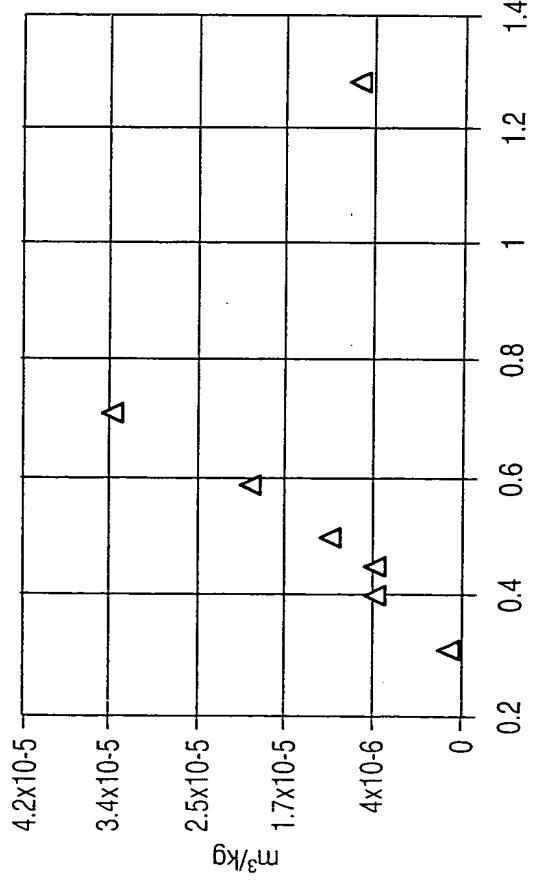


FIG. 121 Vitrinite Reflectance (%)

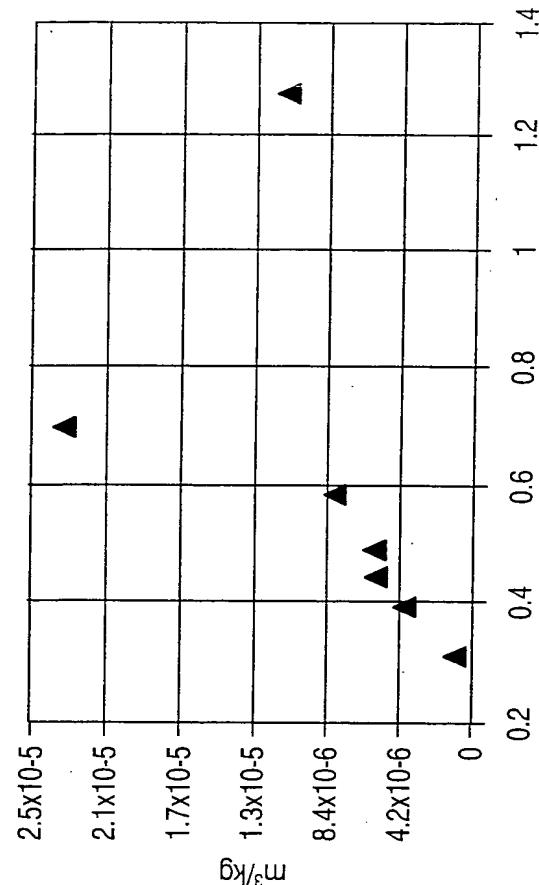


Fig. 122 Vitrinite Reflectance (%)

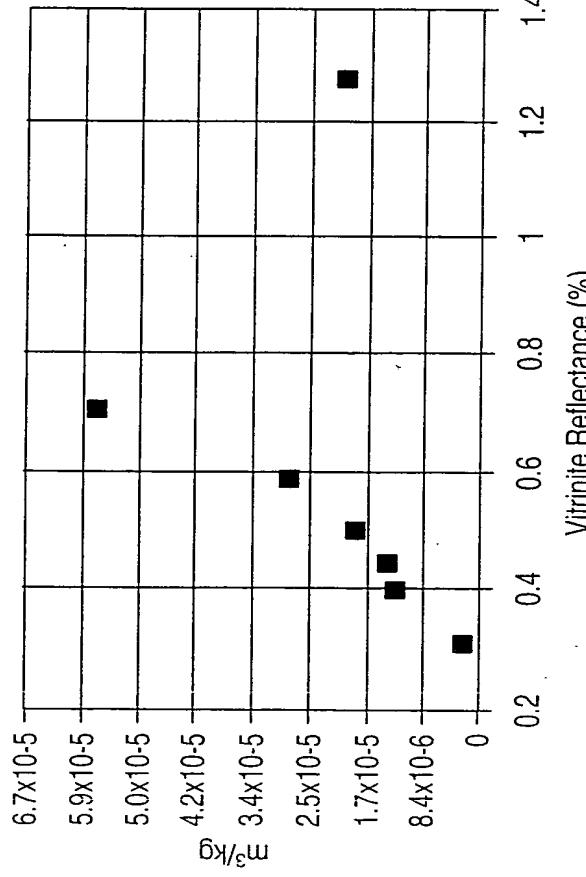


FIG. 123 Vitrinite Reflectance (%)

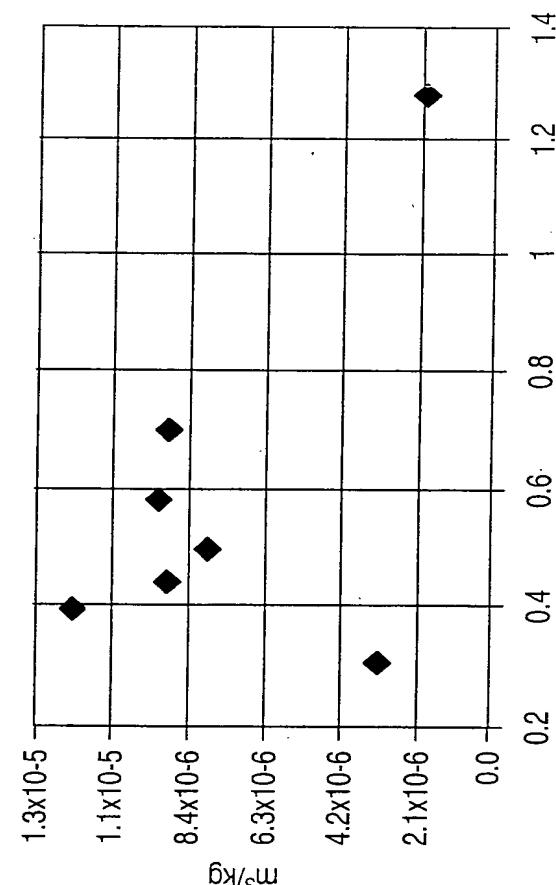


FIG. 124 Vitrinite Reflectance (%)

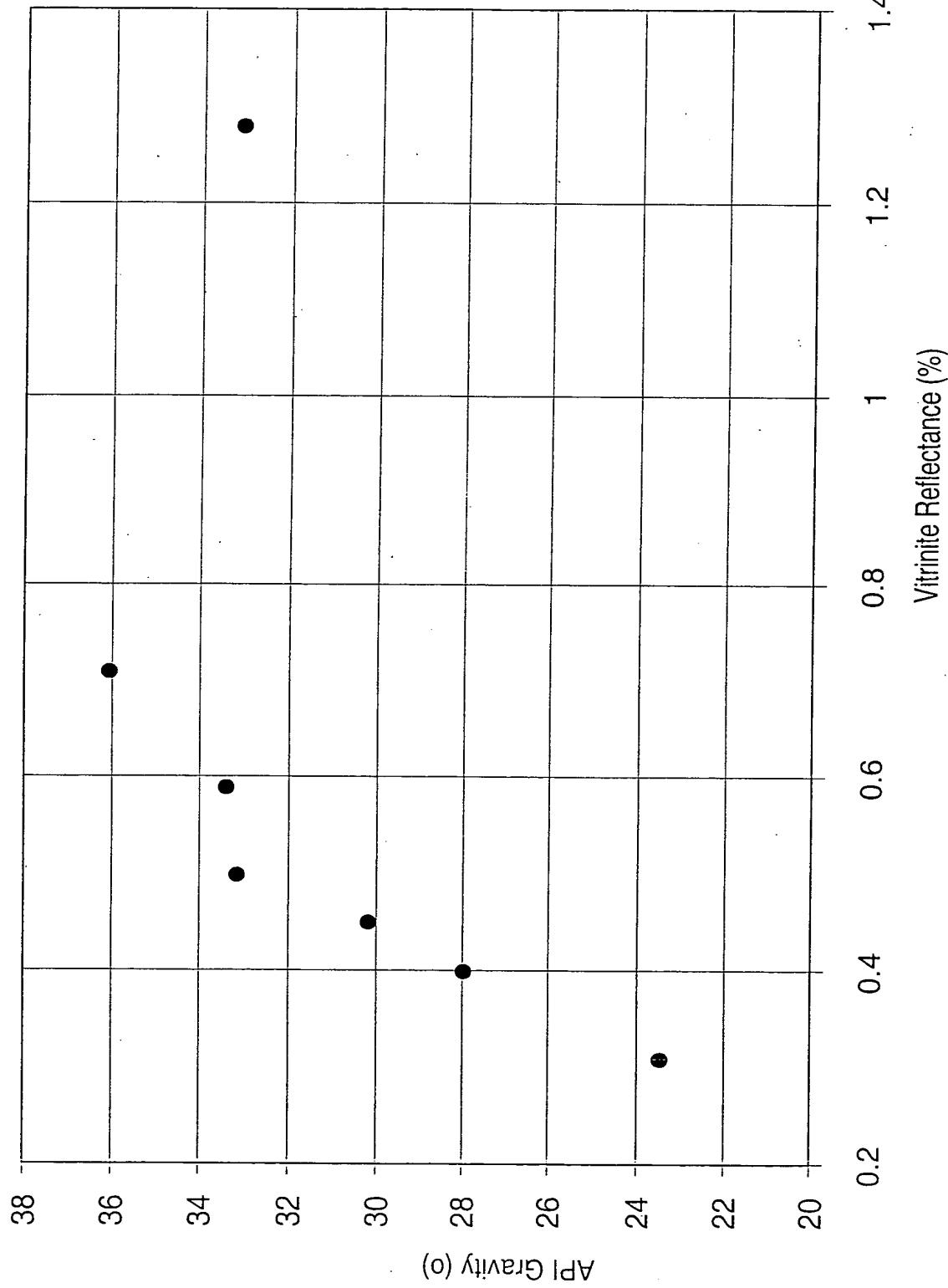


FIG. 125

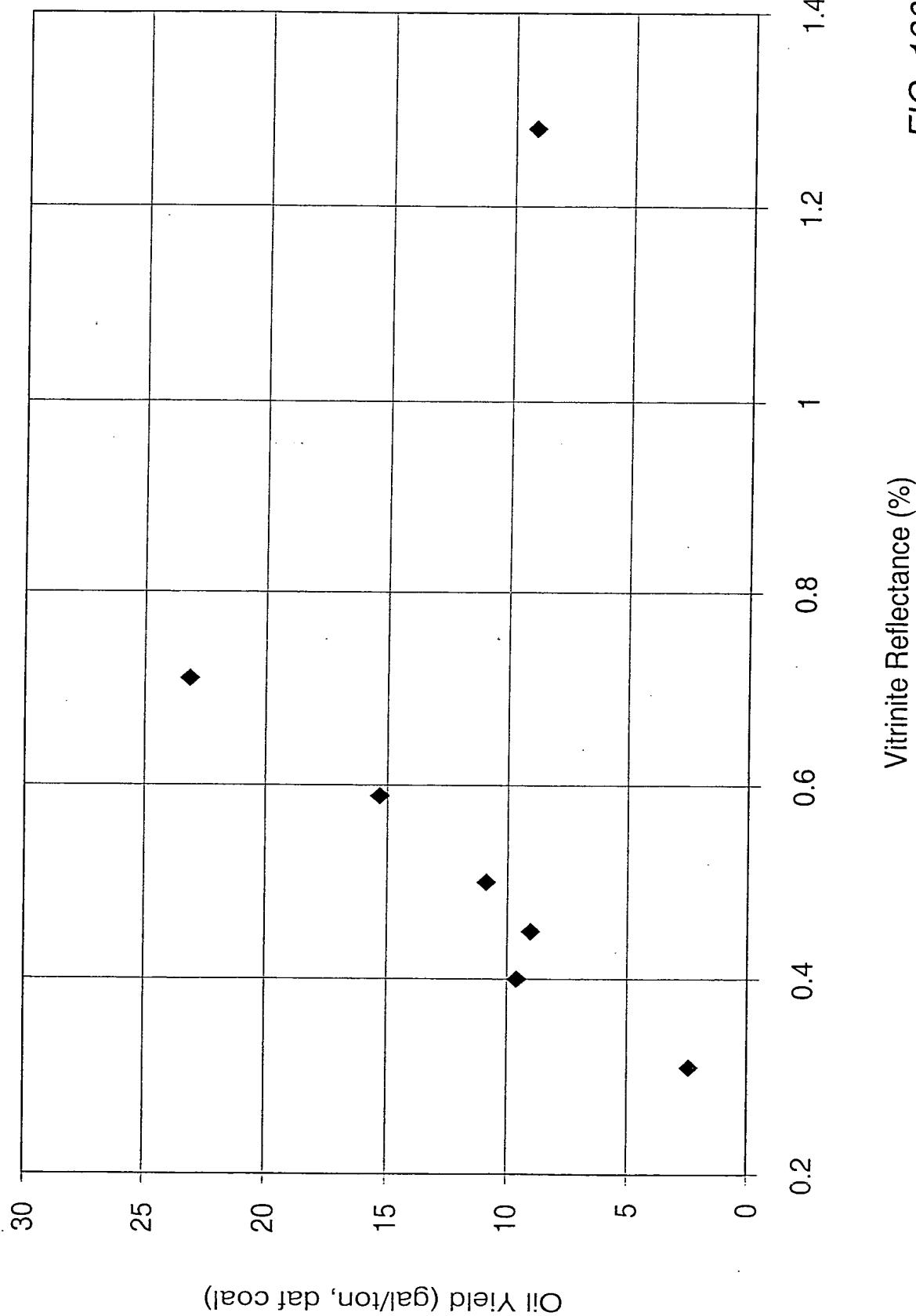


FIG. 126

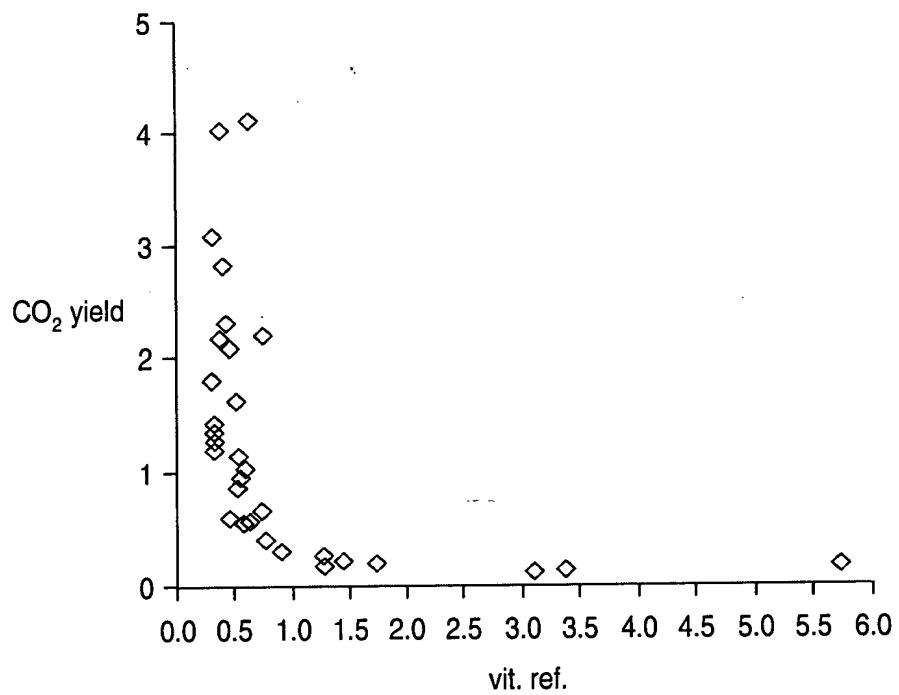


FIG. 127

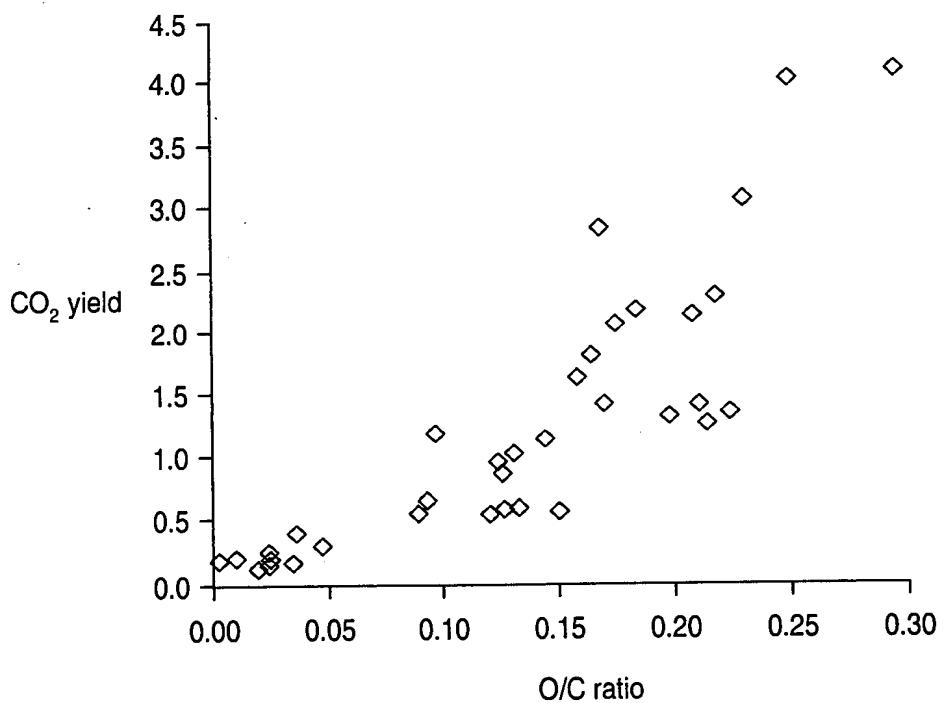


FIG. 128

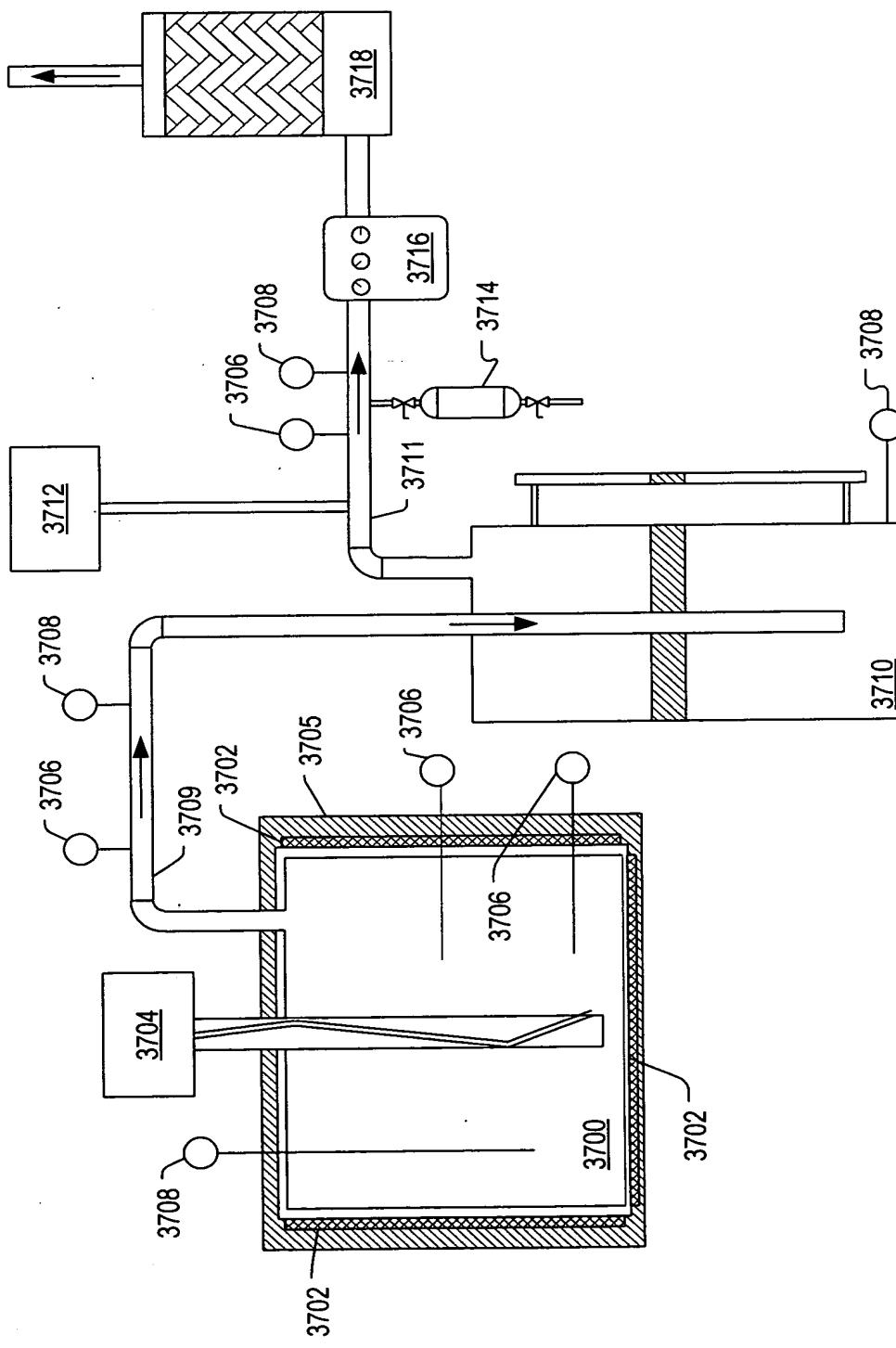


FIG. 129

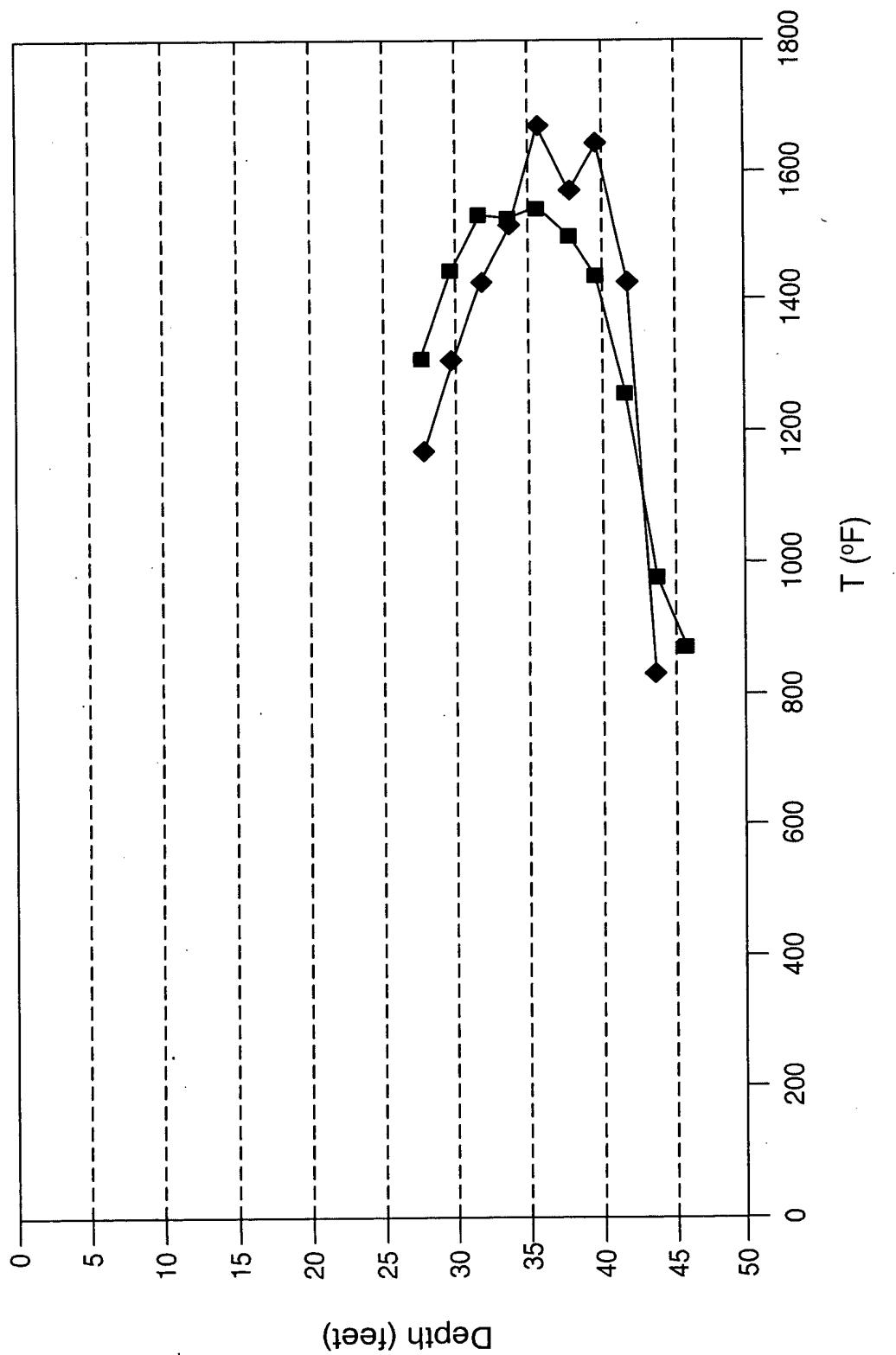


FIG. 130

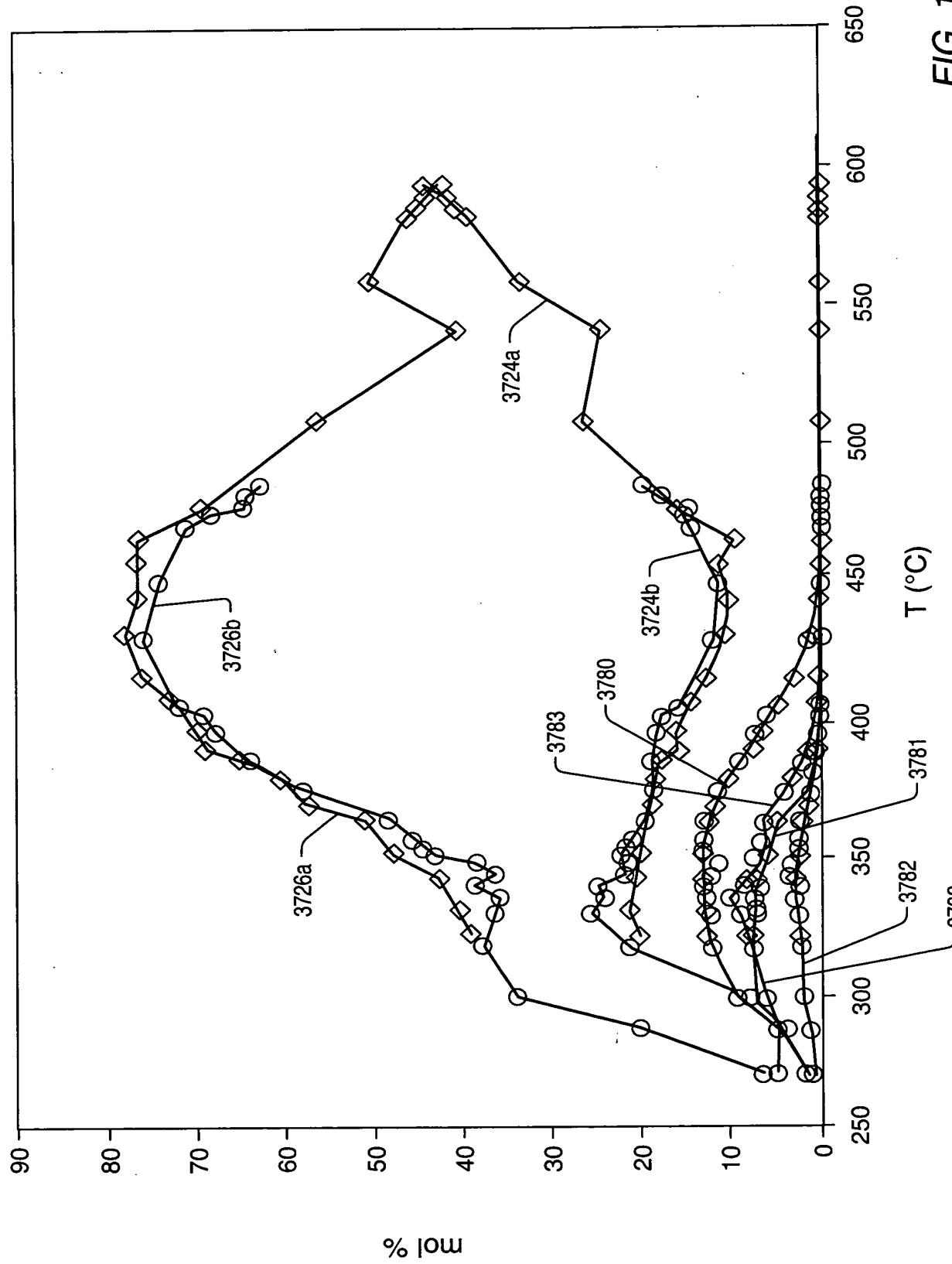


FIG. 131

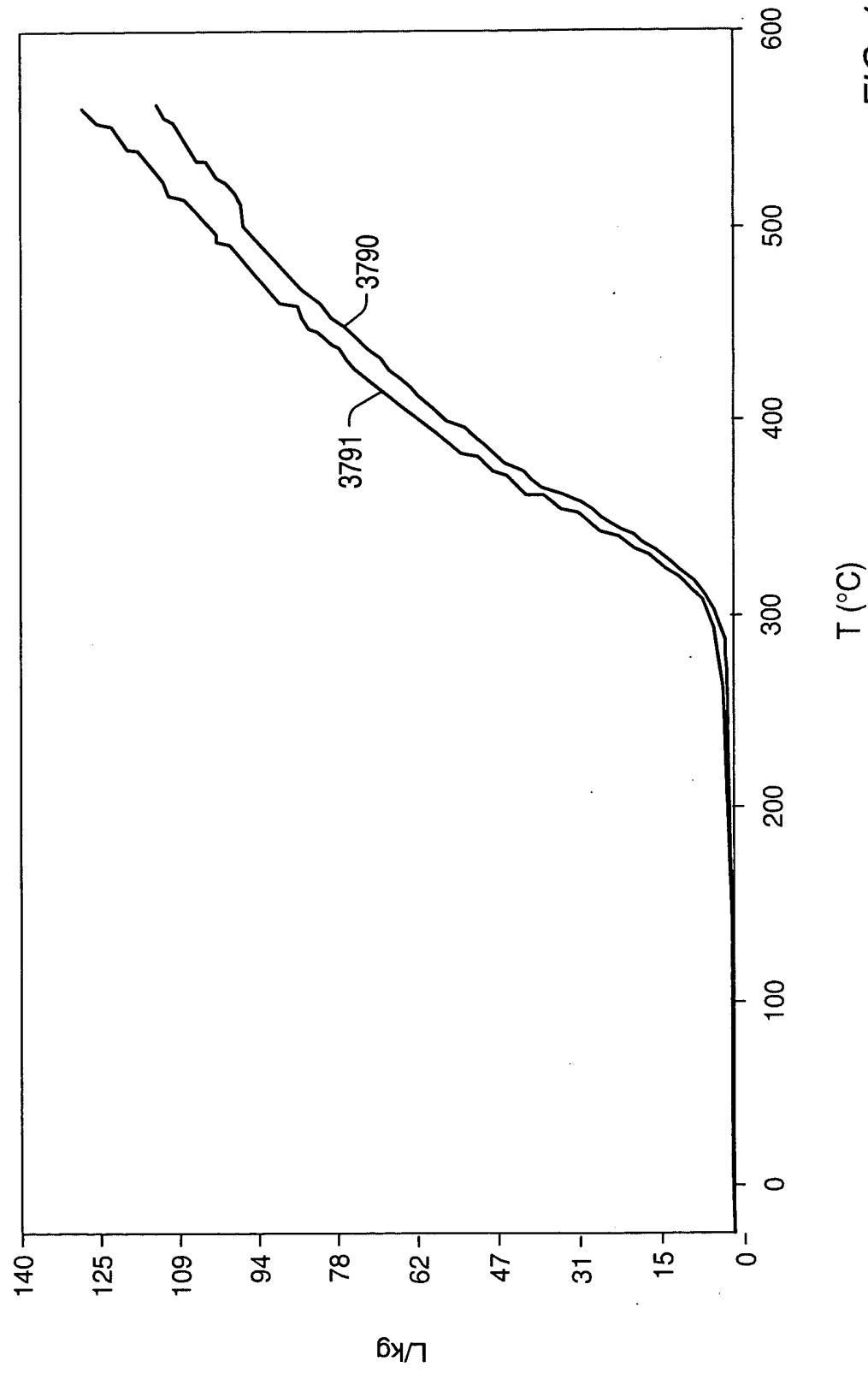


FIG. 132

FIG. 133

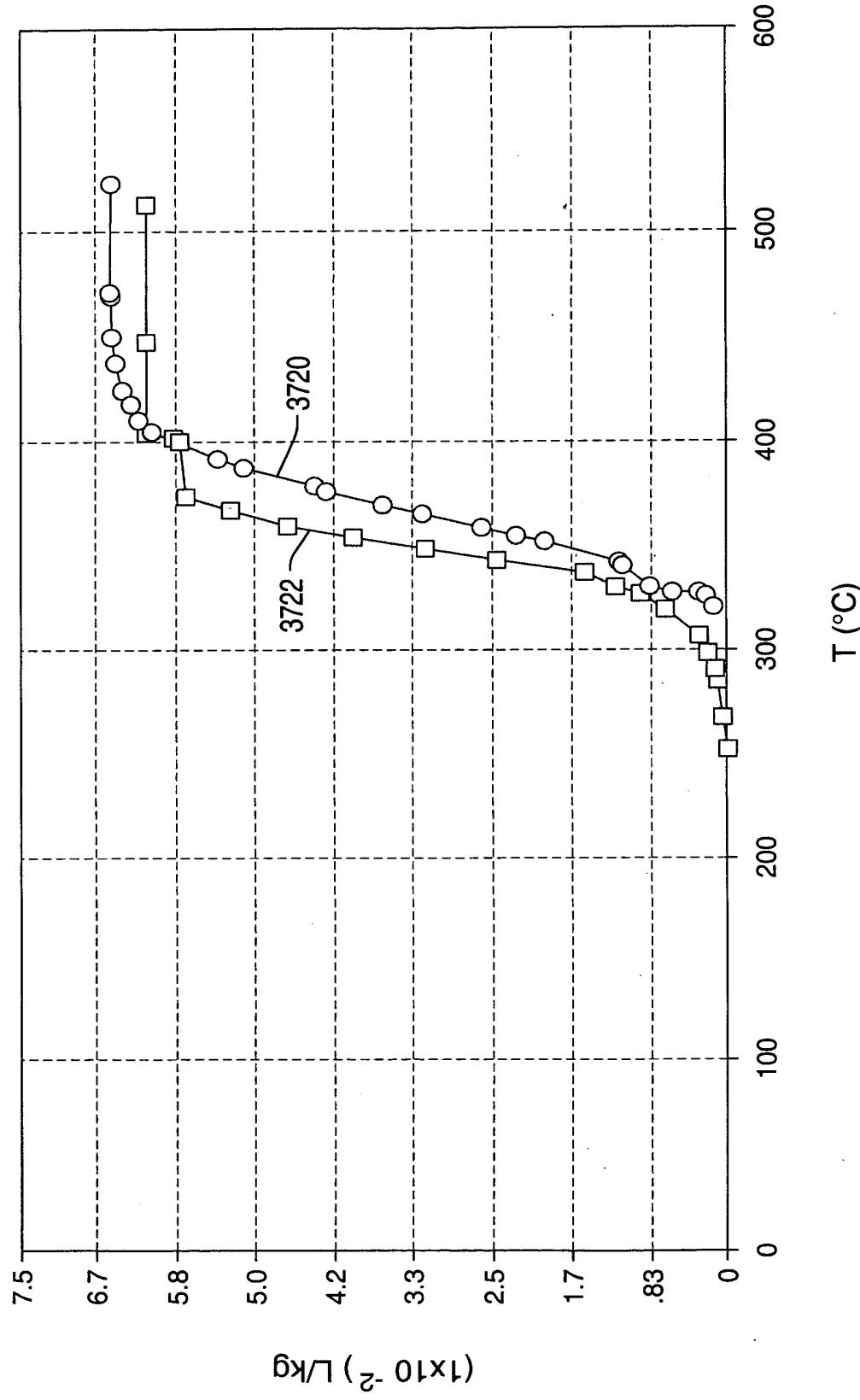
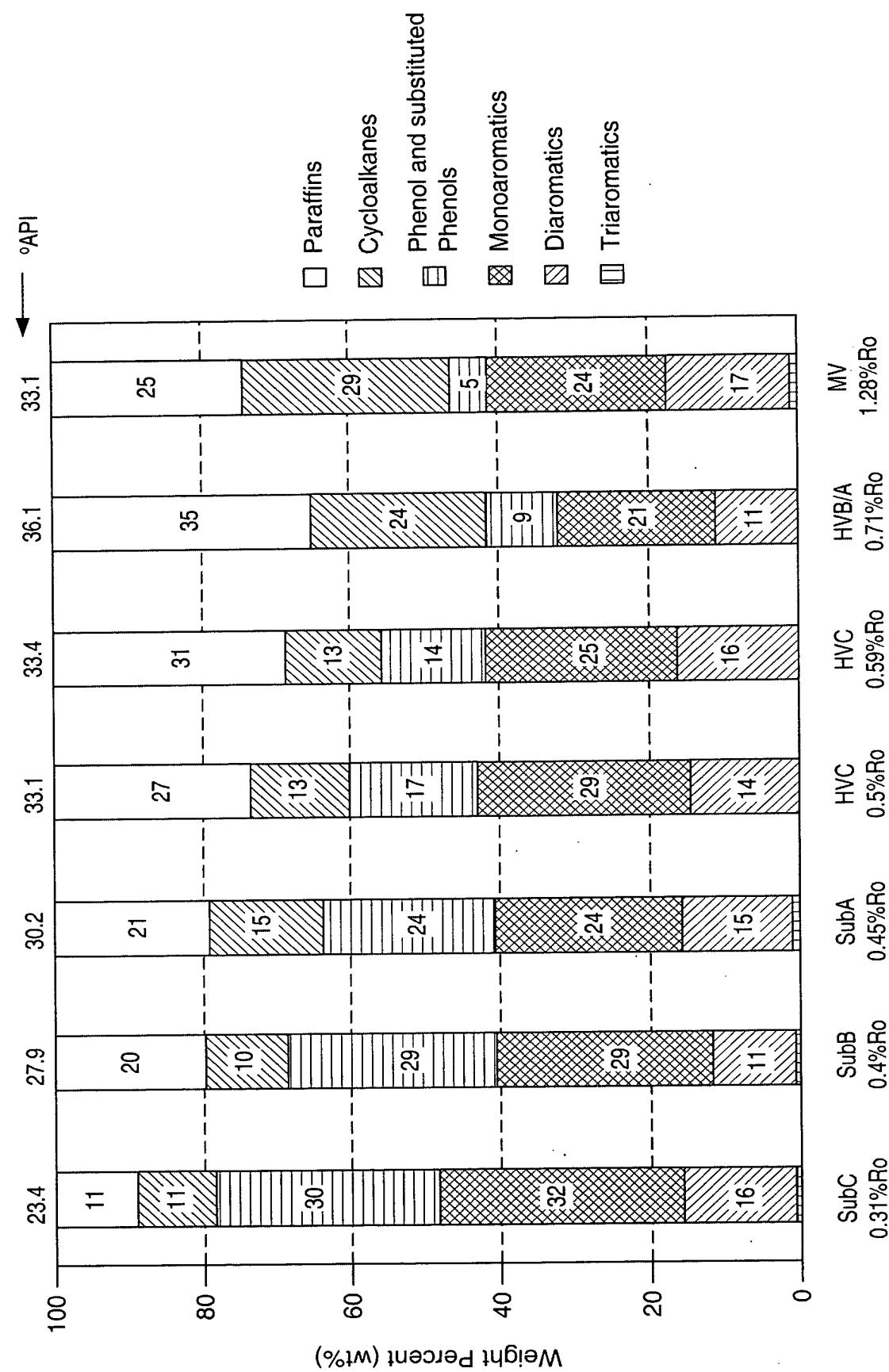


FIG. 134

H₂S 0.05% R₀ CO₂ 0.05% R₀ N₂ 0.05% R₀

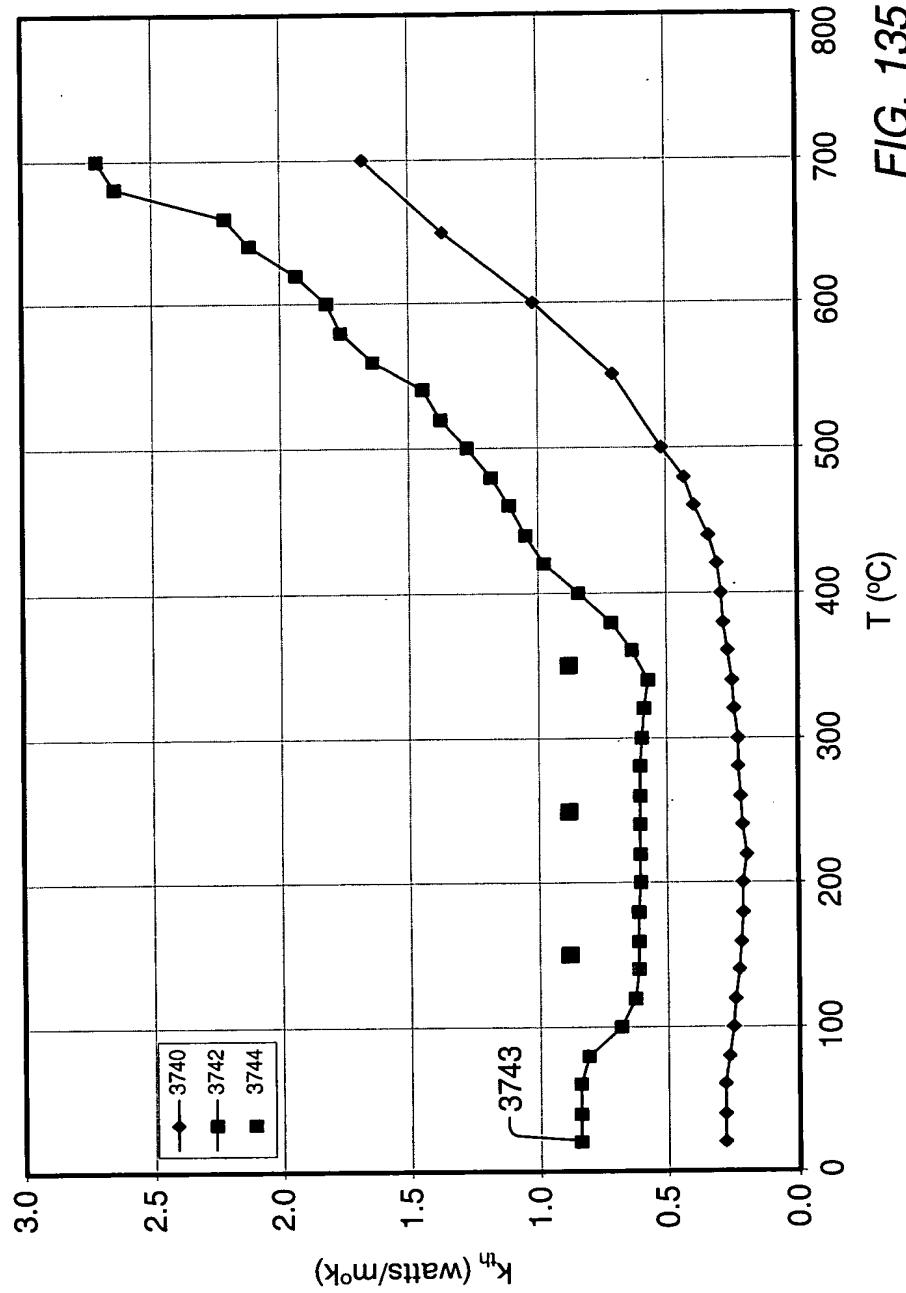


FIG. 135

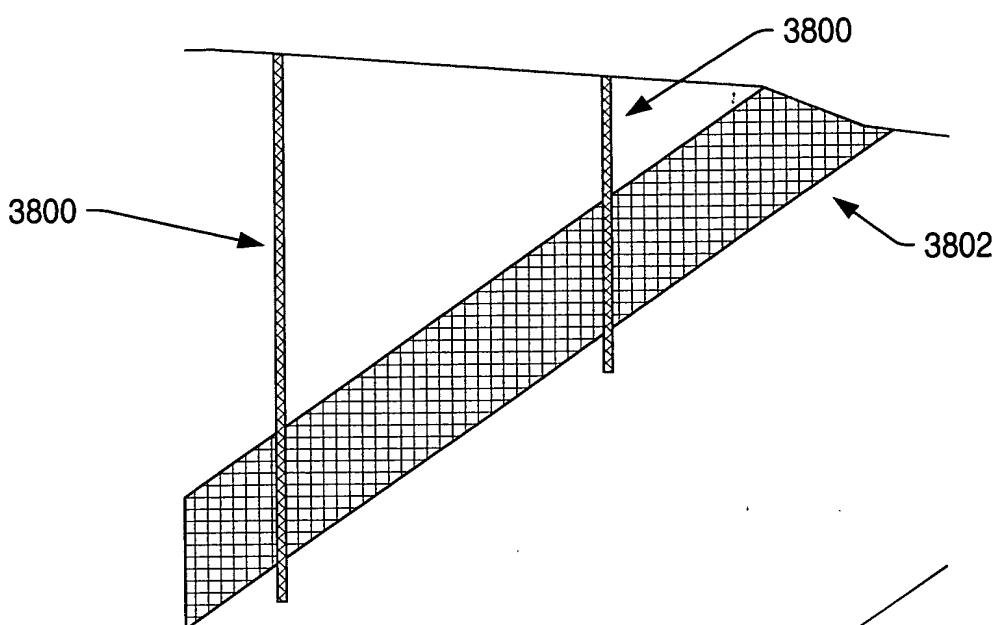


FIG. 136

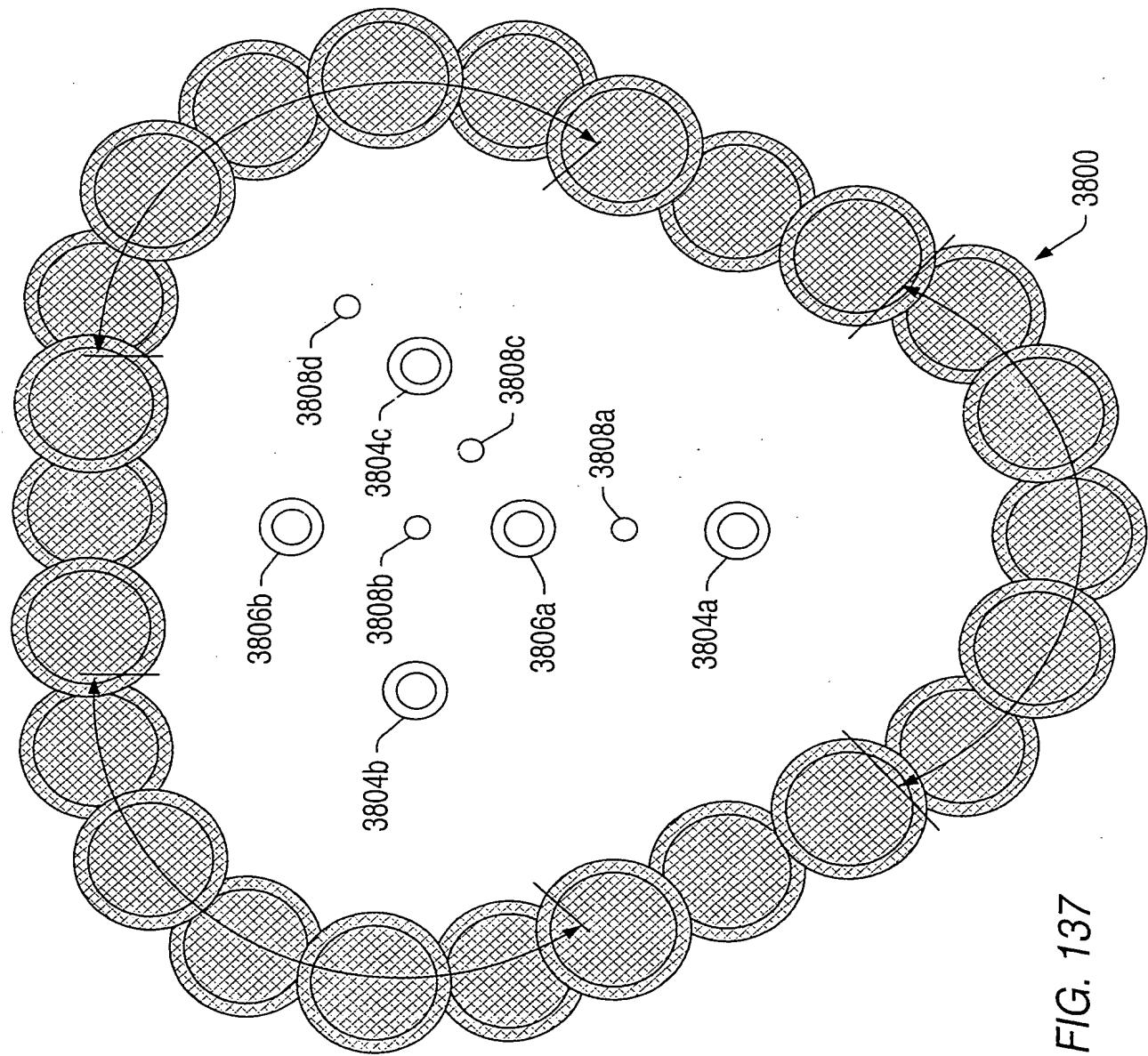


FIG. 137

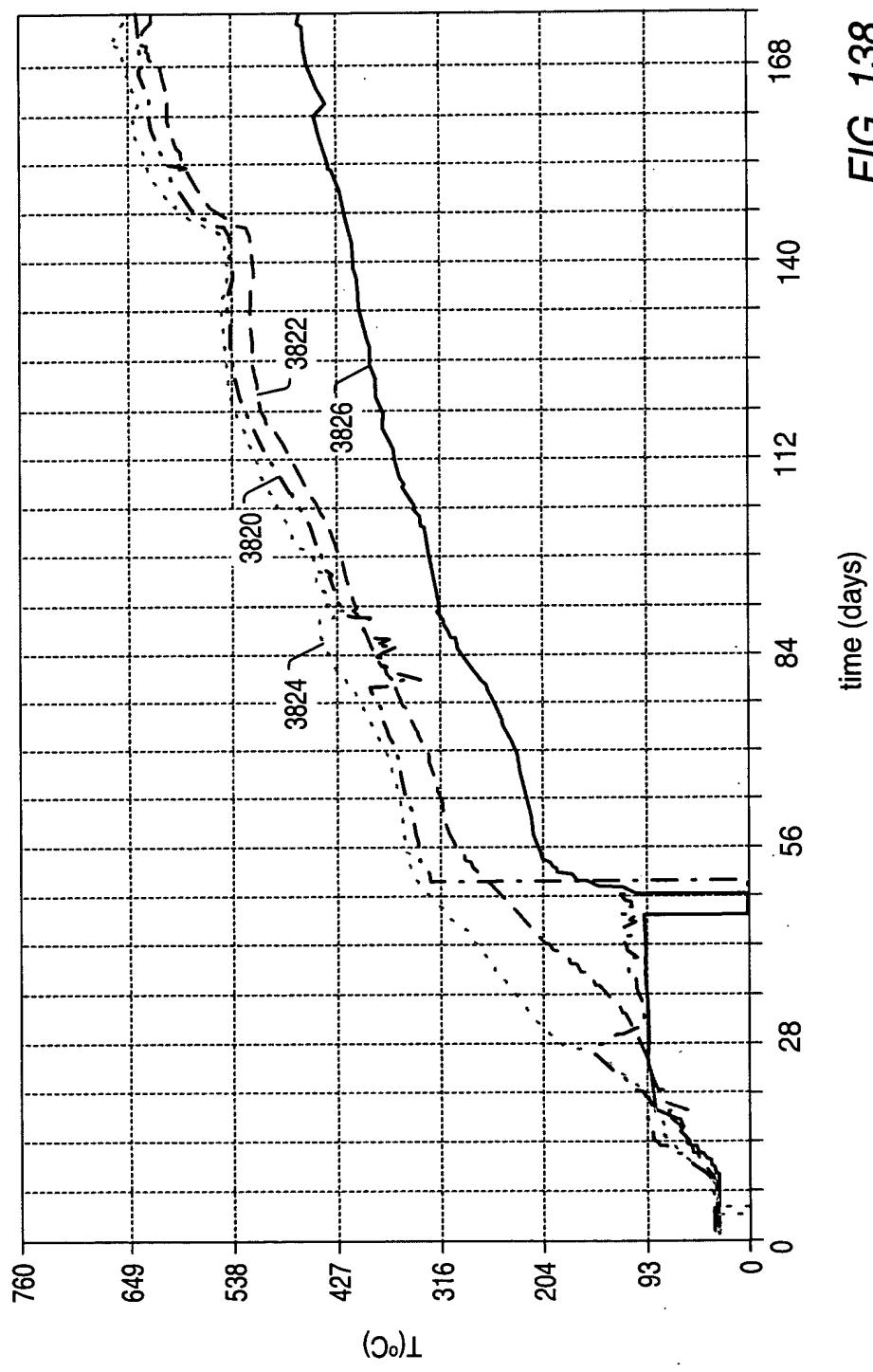
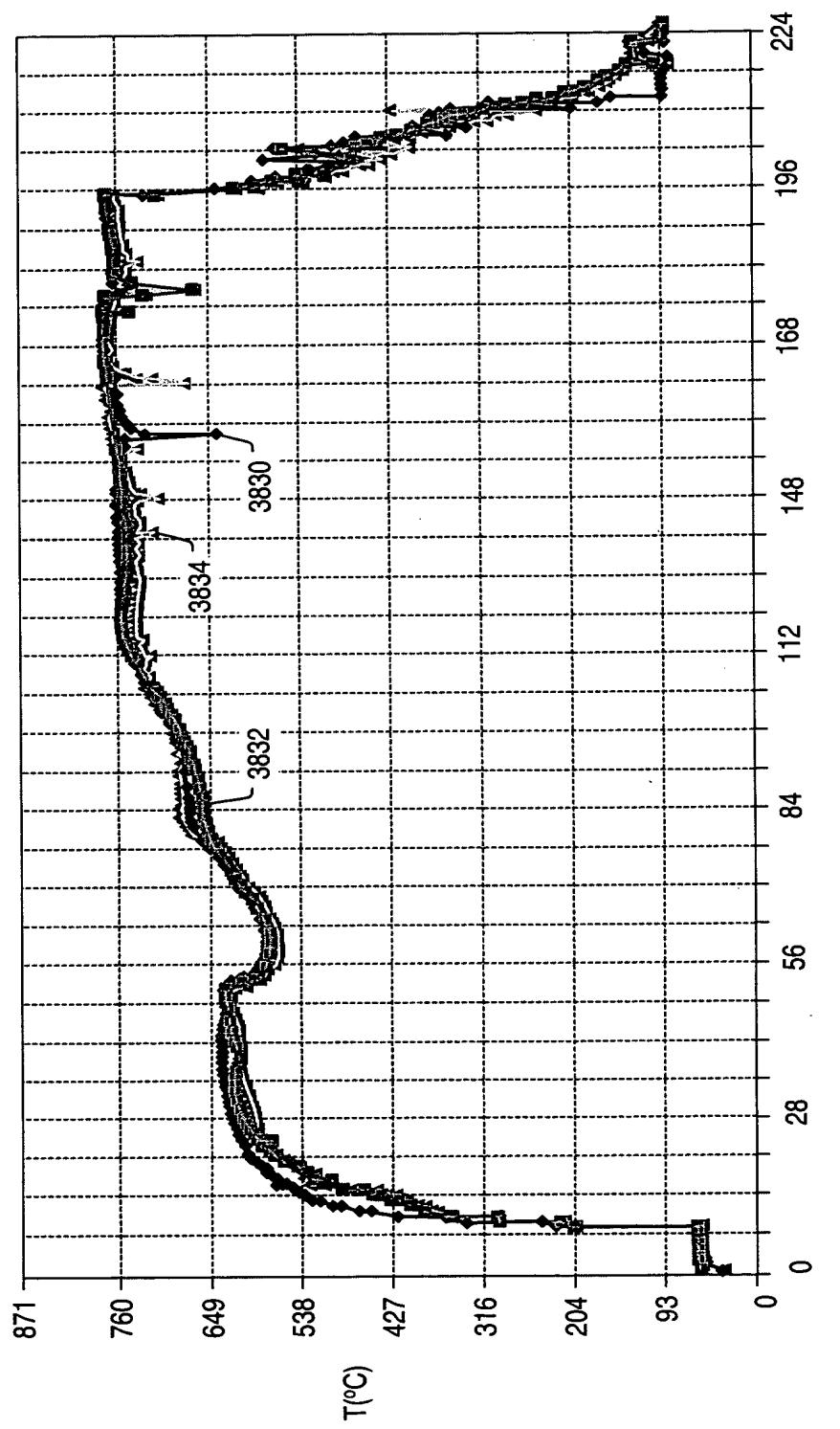


FIG. 138



time (days)

FIG. 139

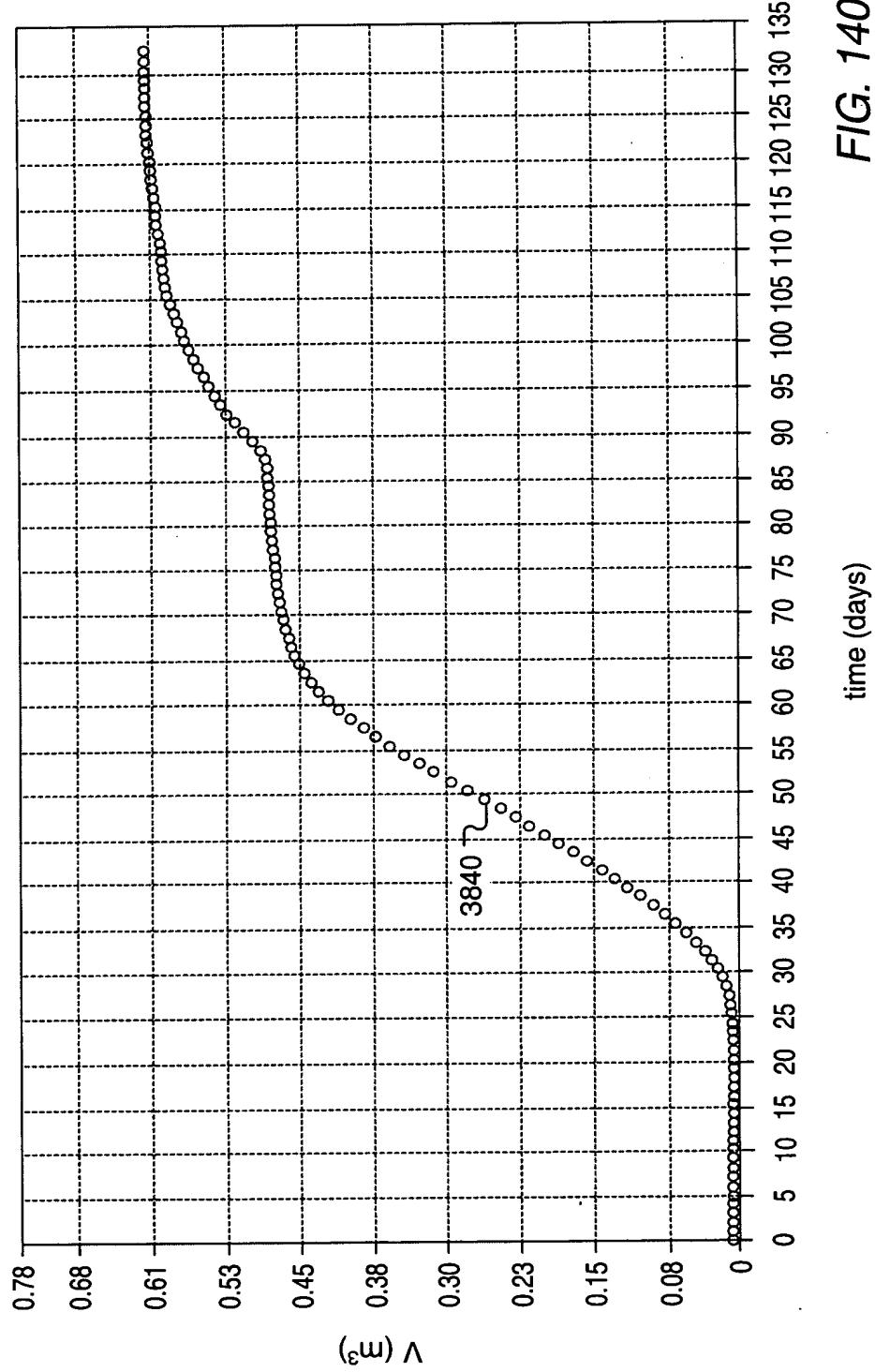


FIG. 140

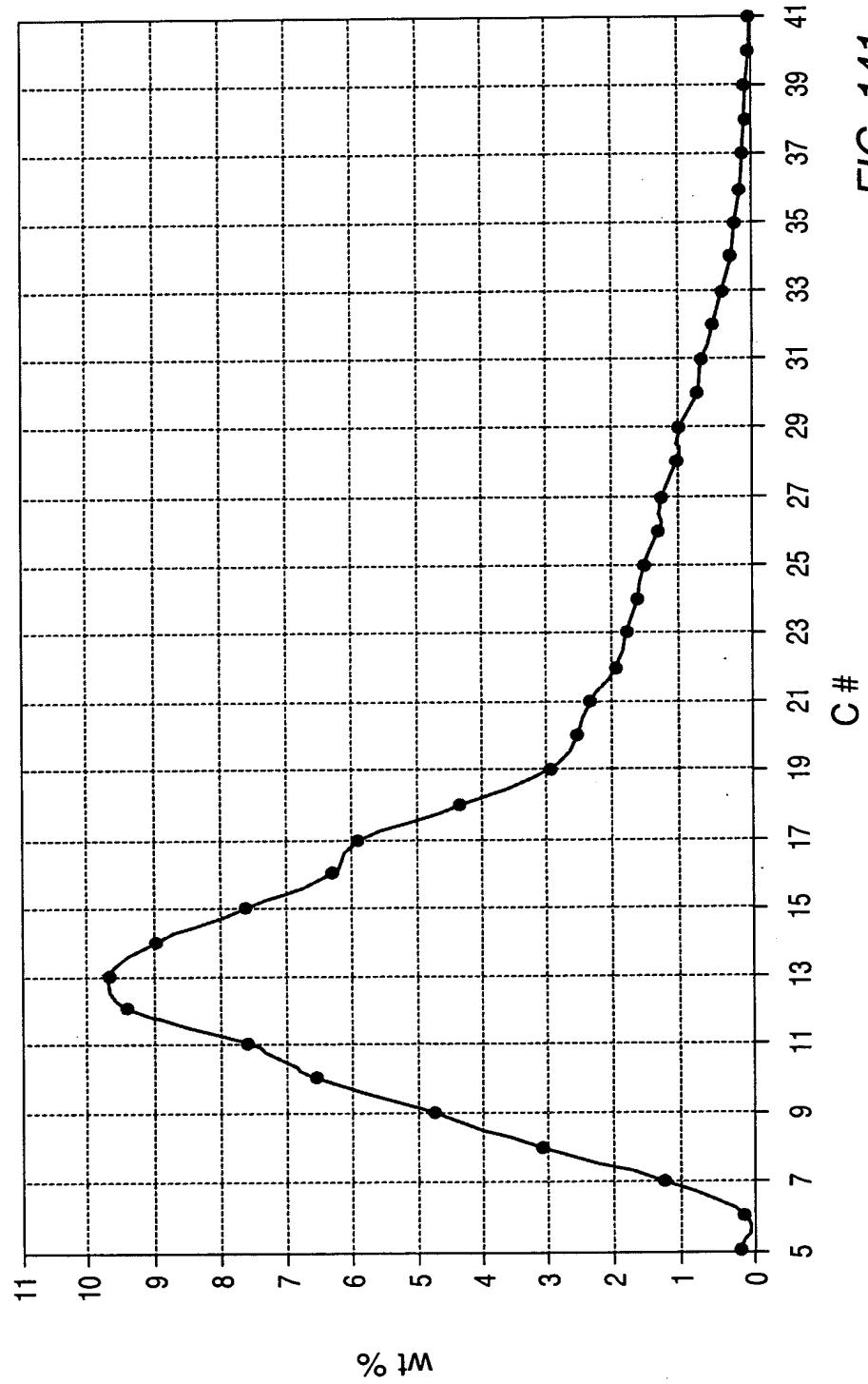
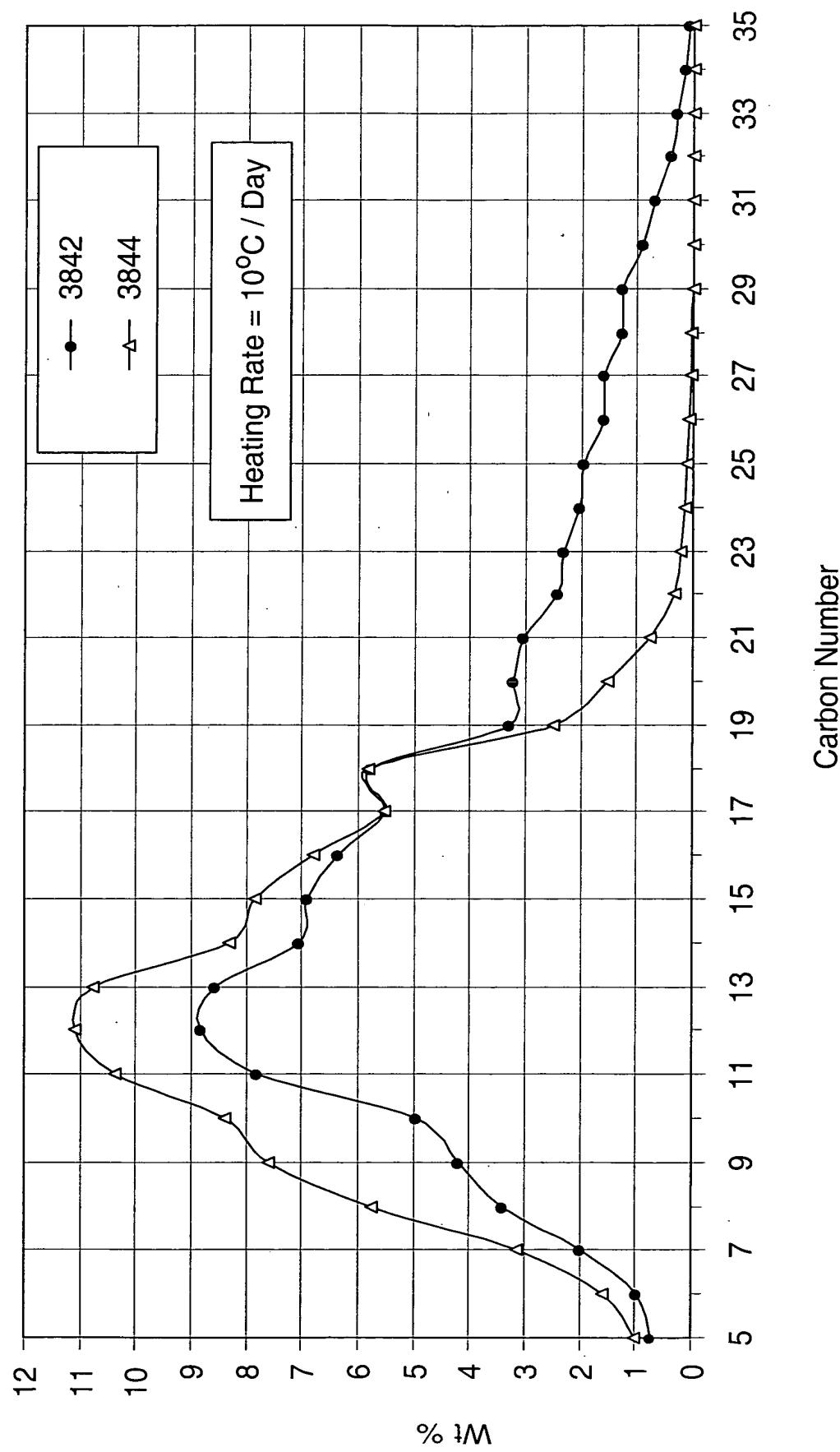


FIG. 141

FIG. 142



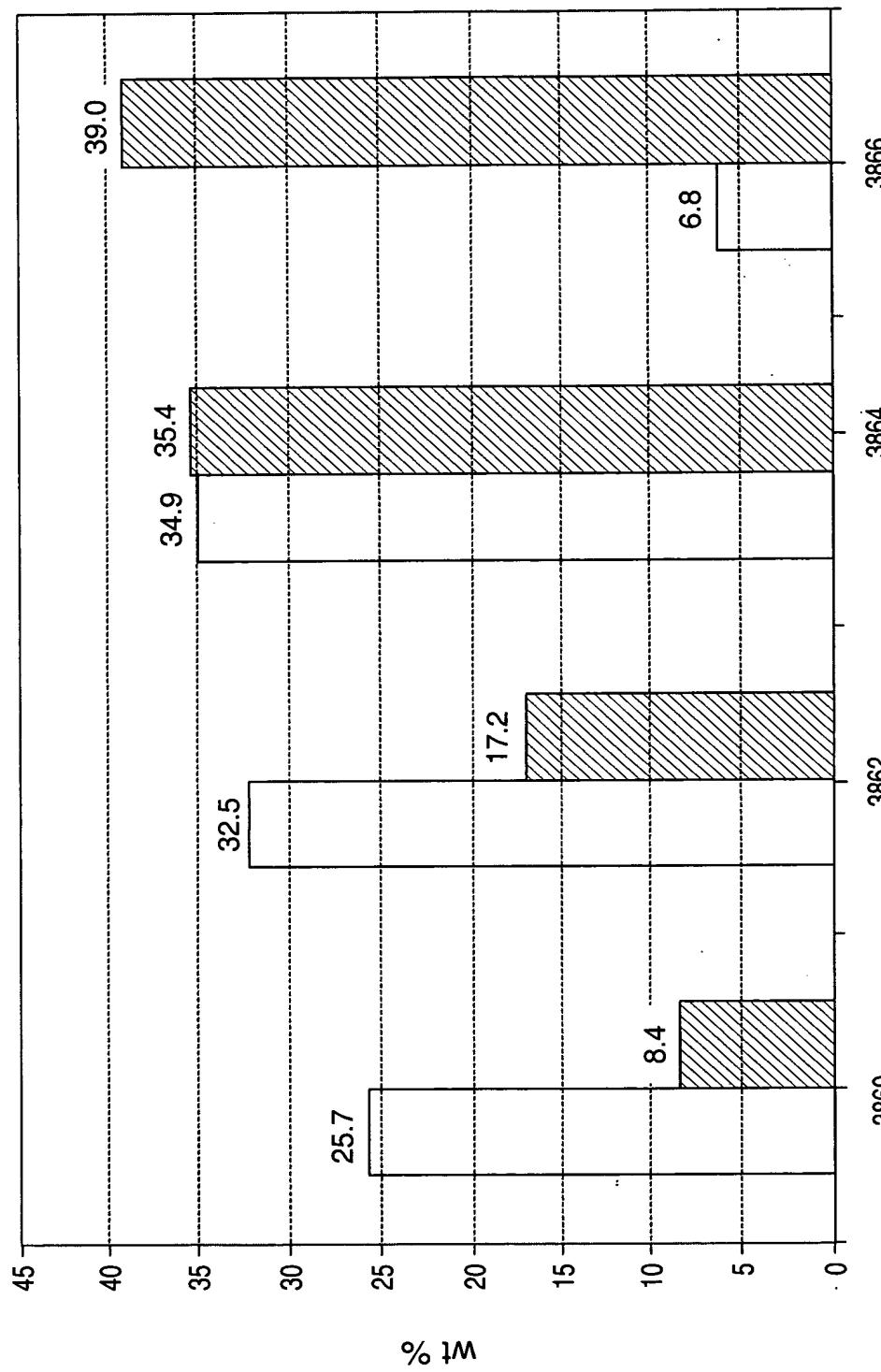


FIG. 143

FIG. 144

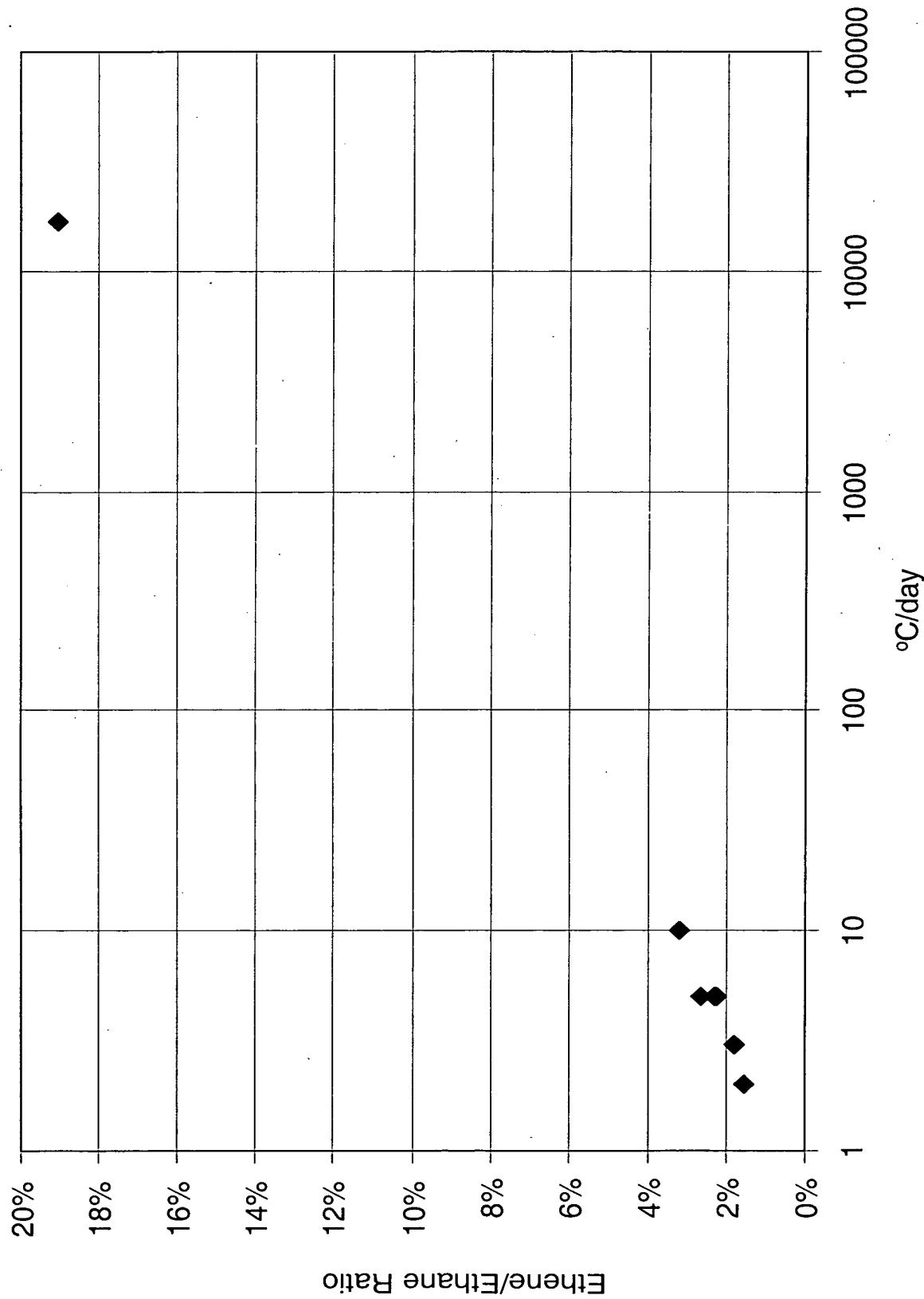
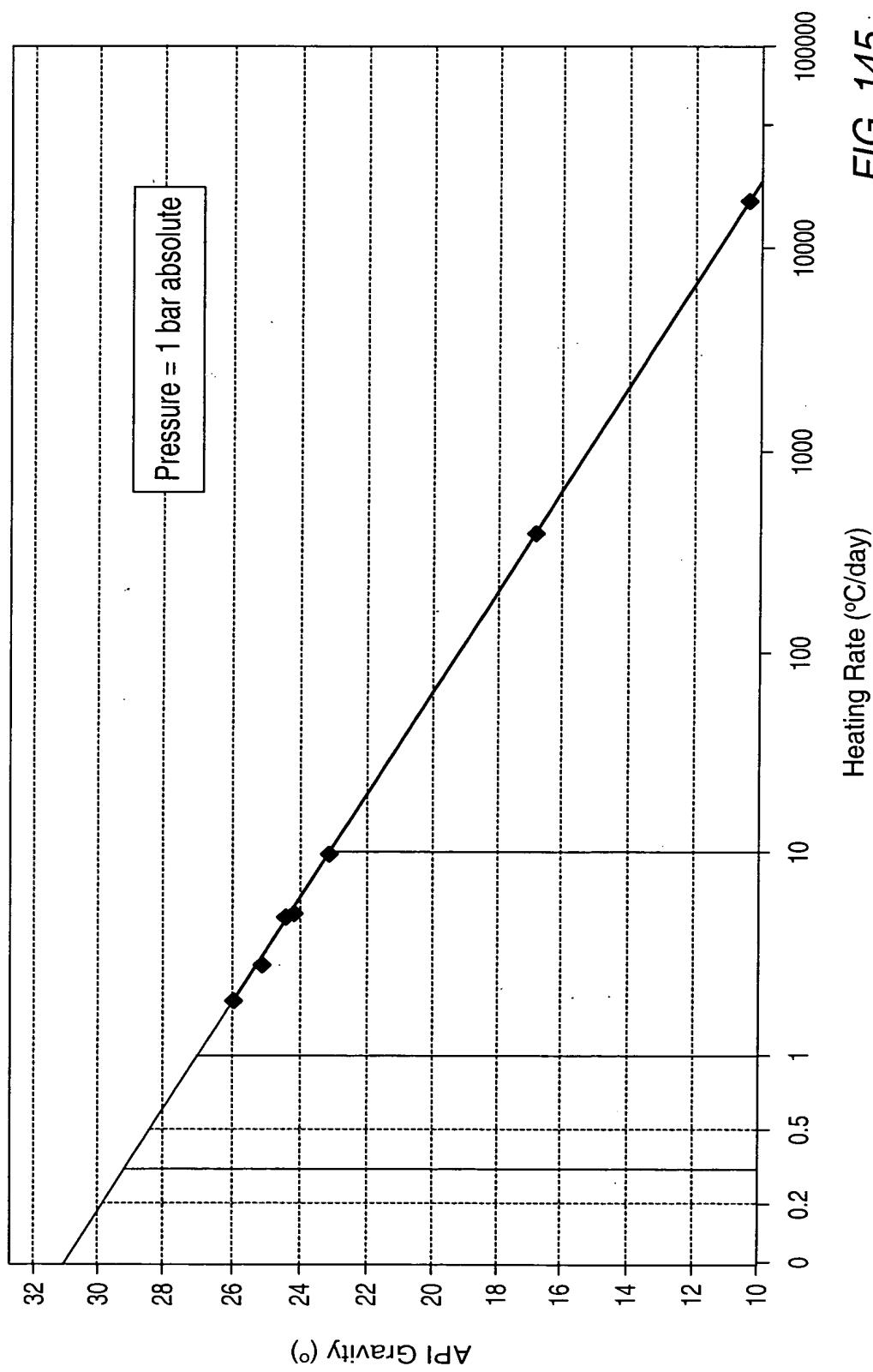


FIG. 145



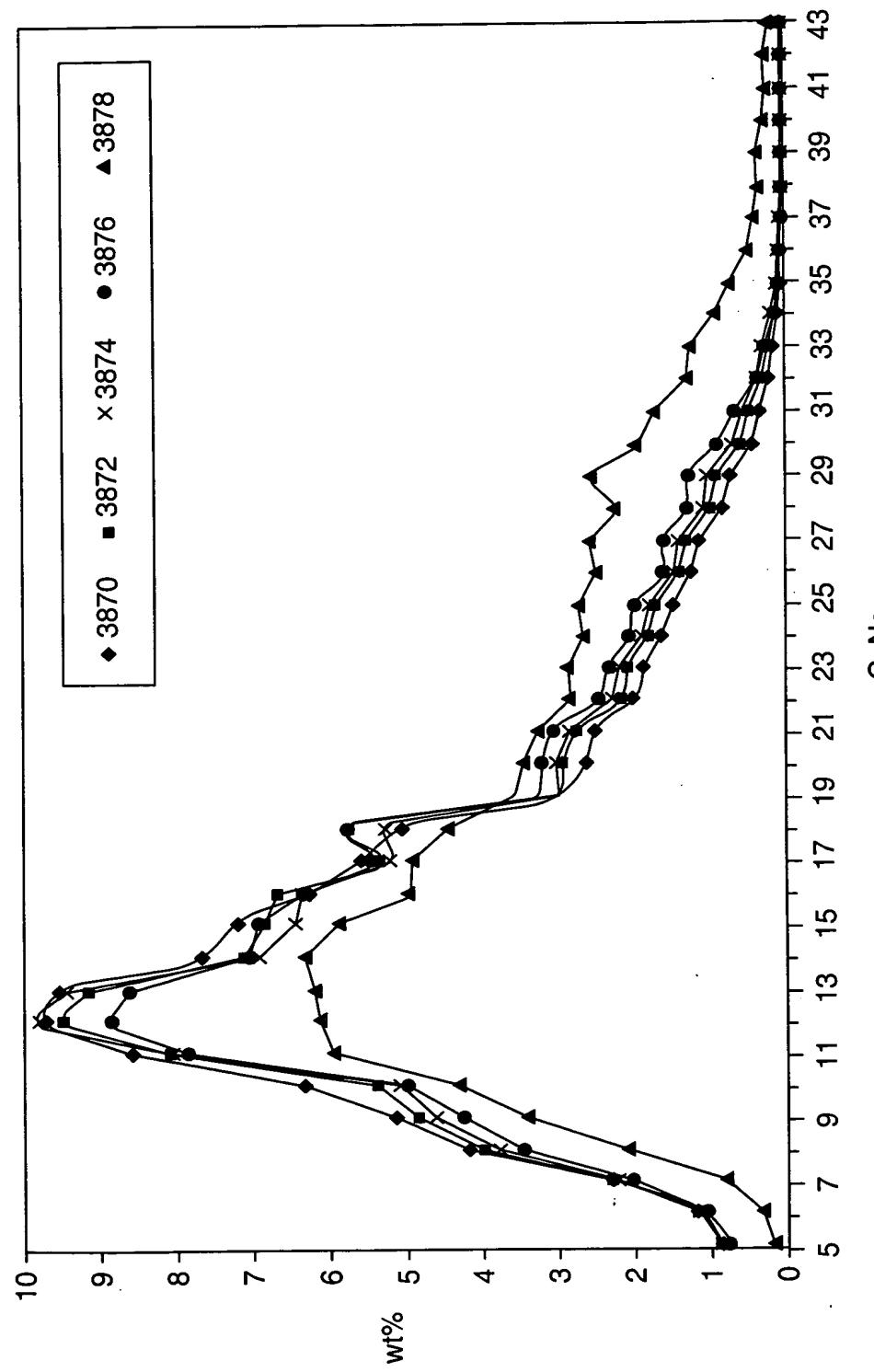


FIG. 146

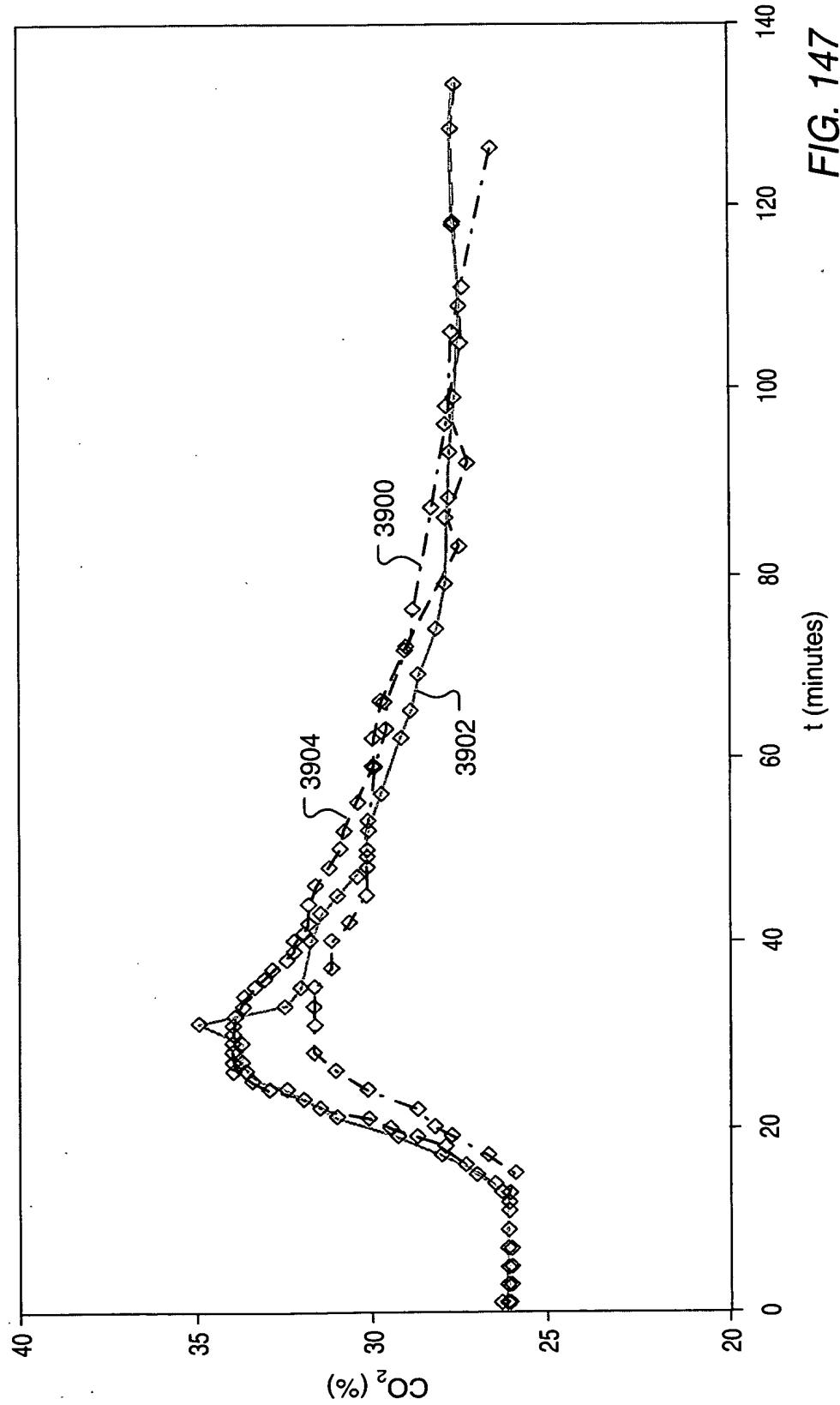


FIG. 147

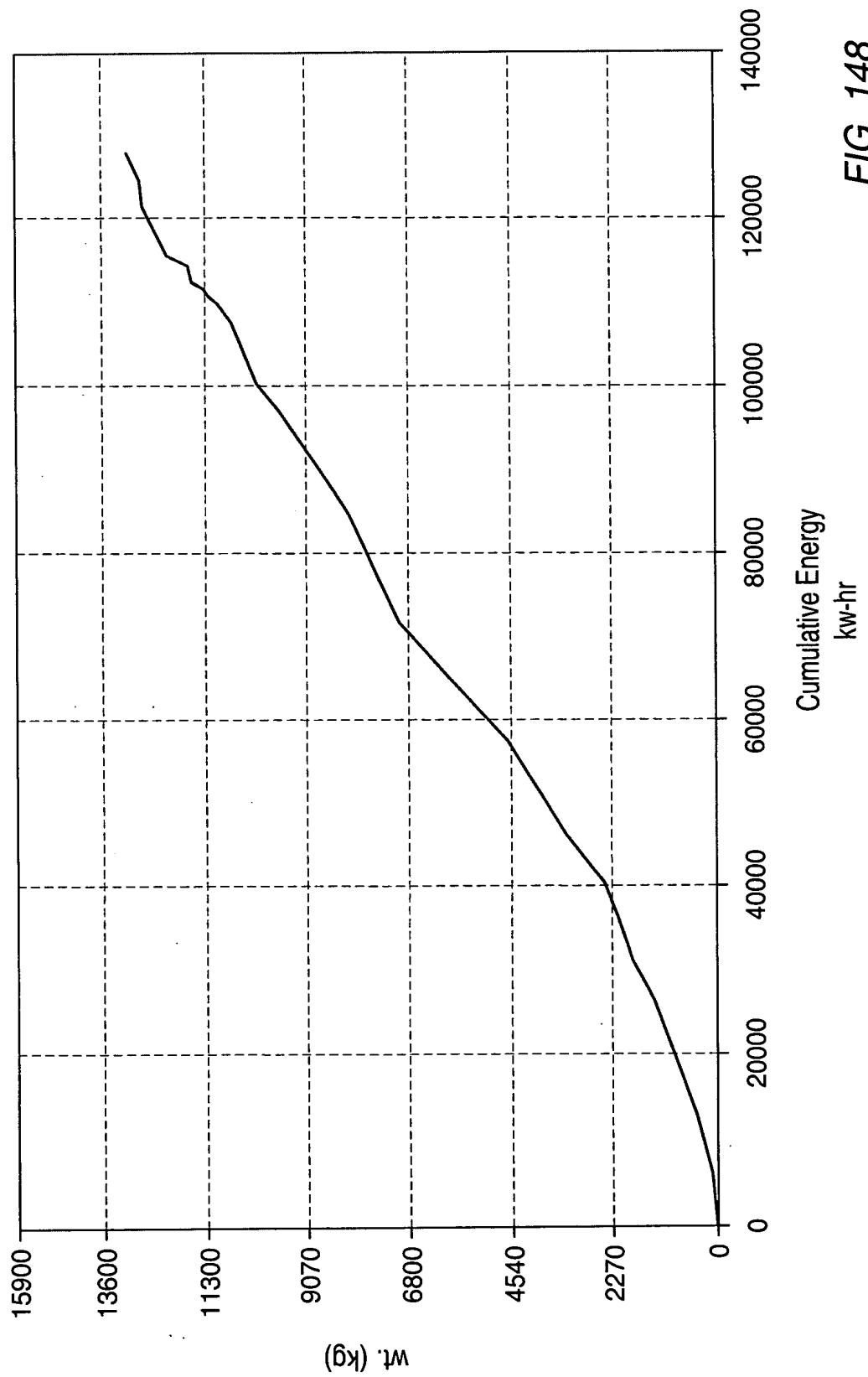


FIG. 148

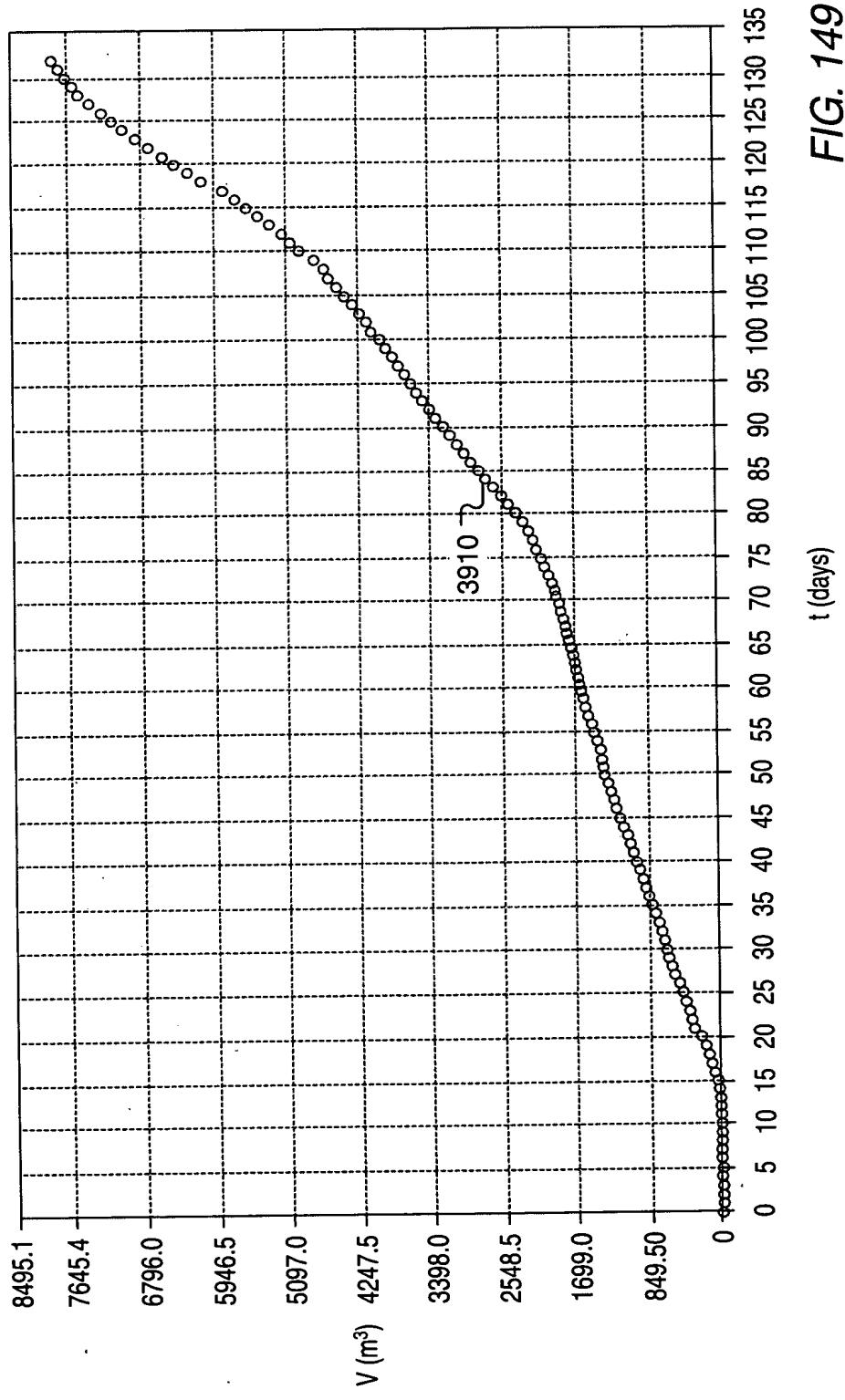
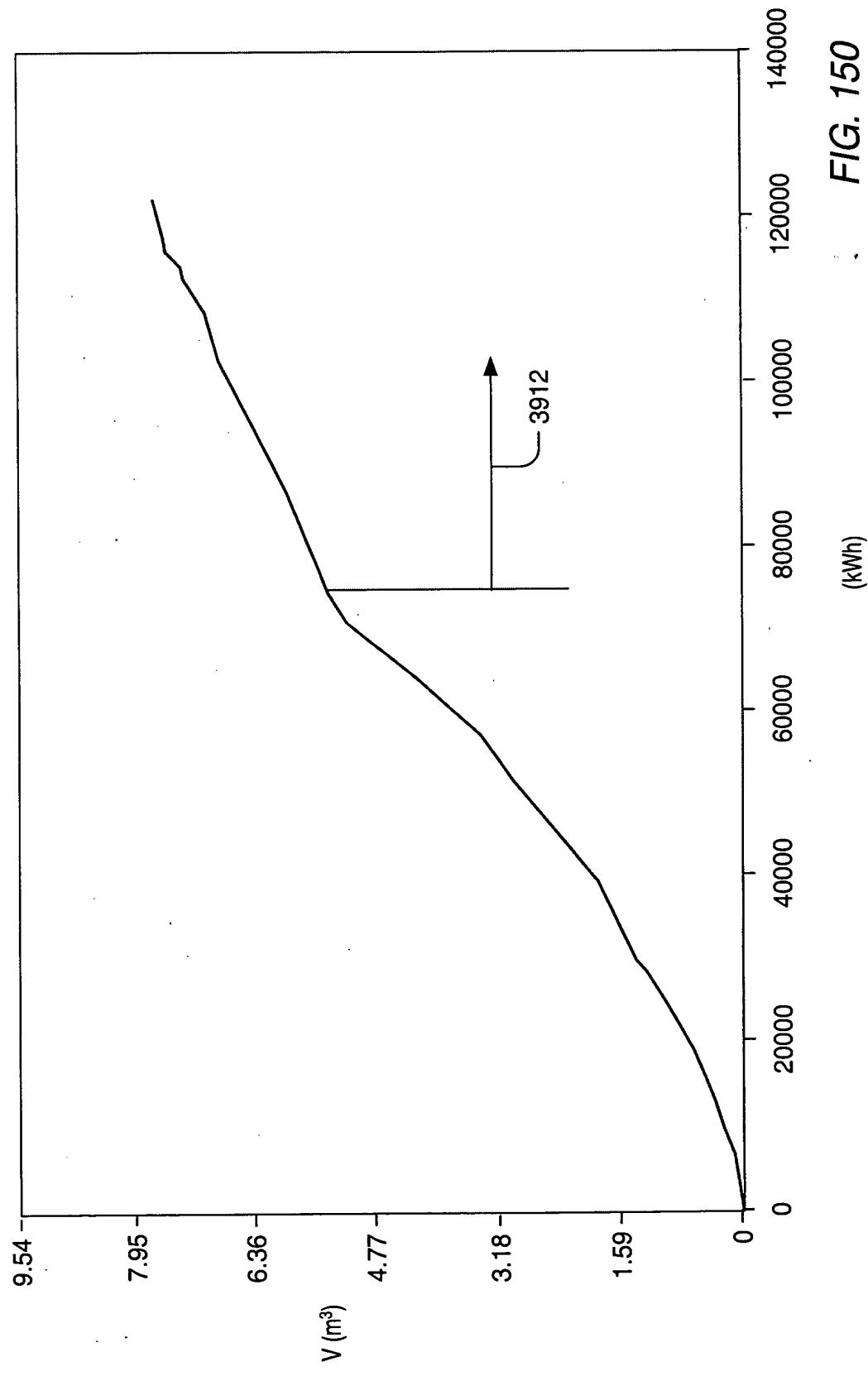


FIG. 149



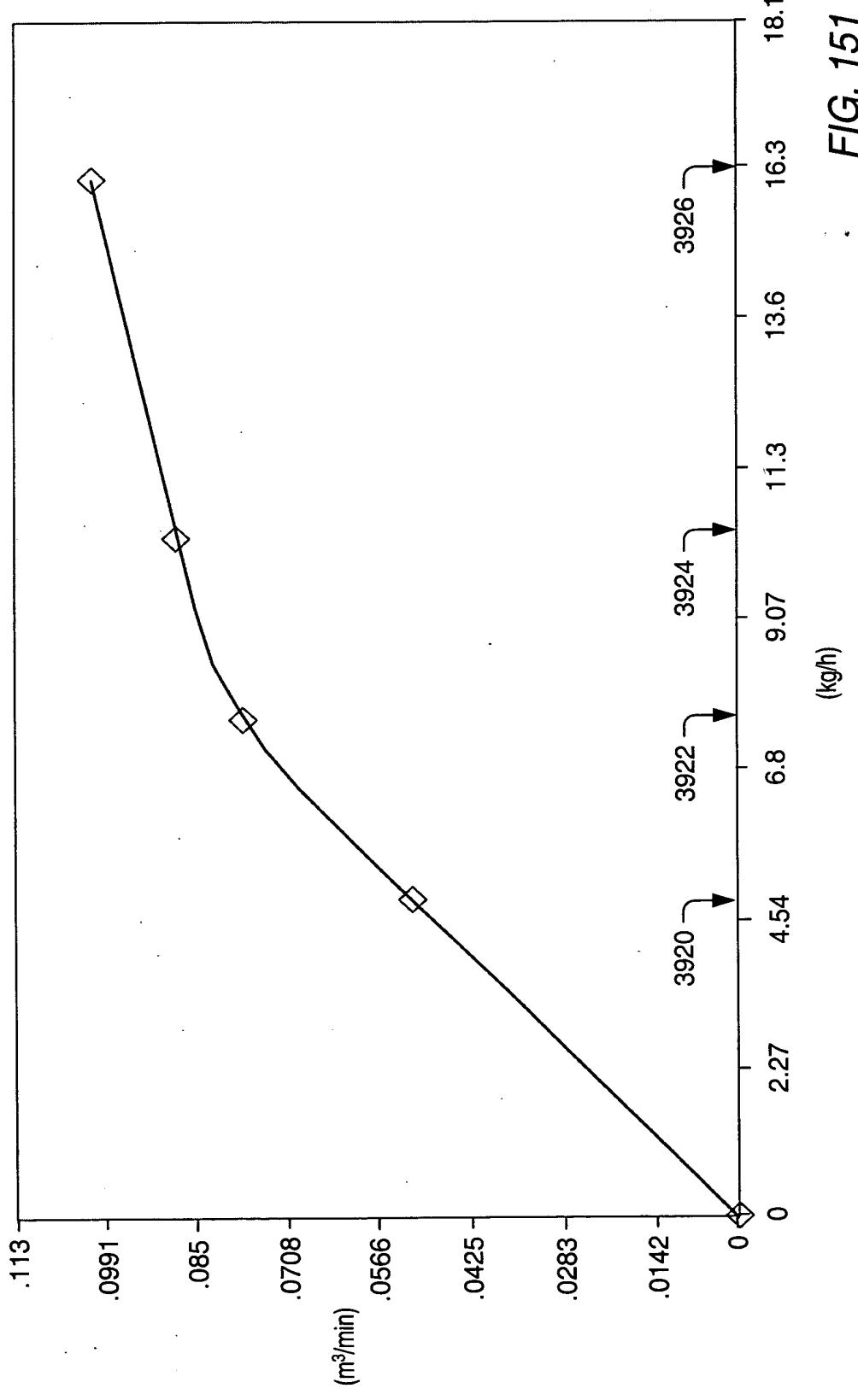


FIG. 151

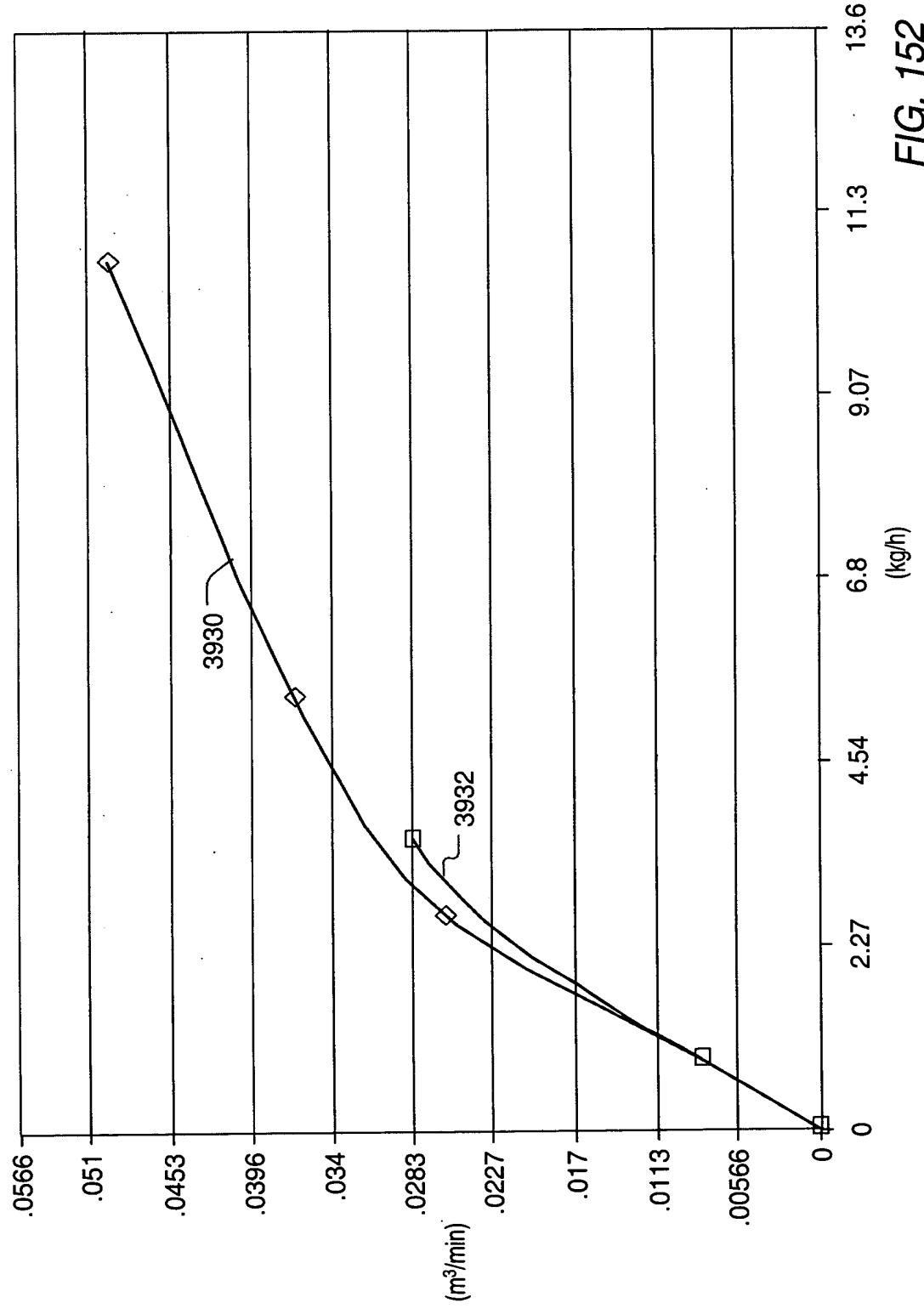


FIG. 152

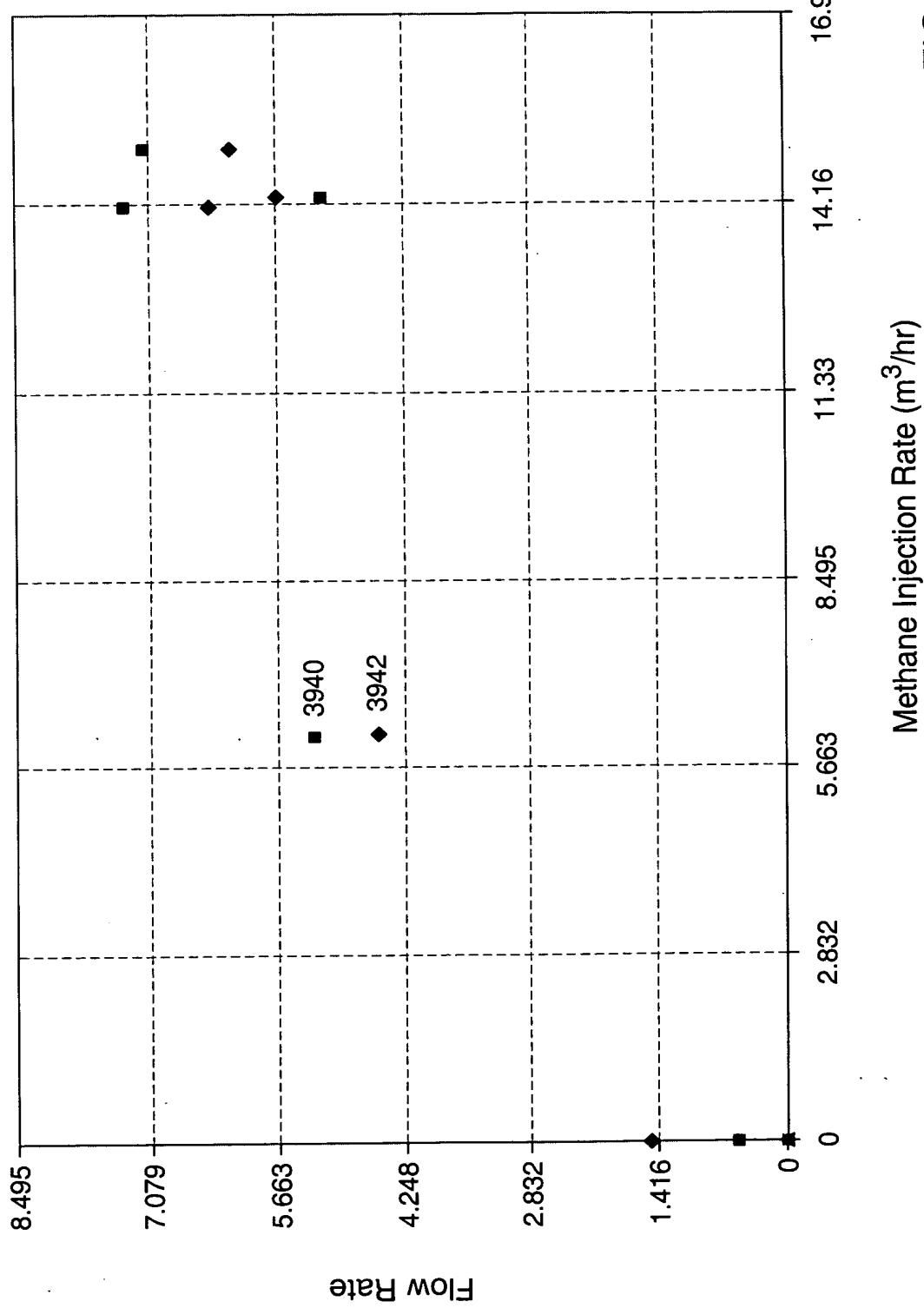


FIG. 153

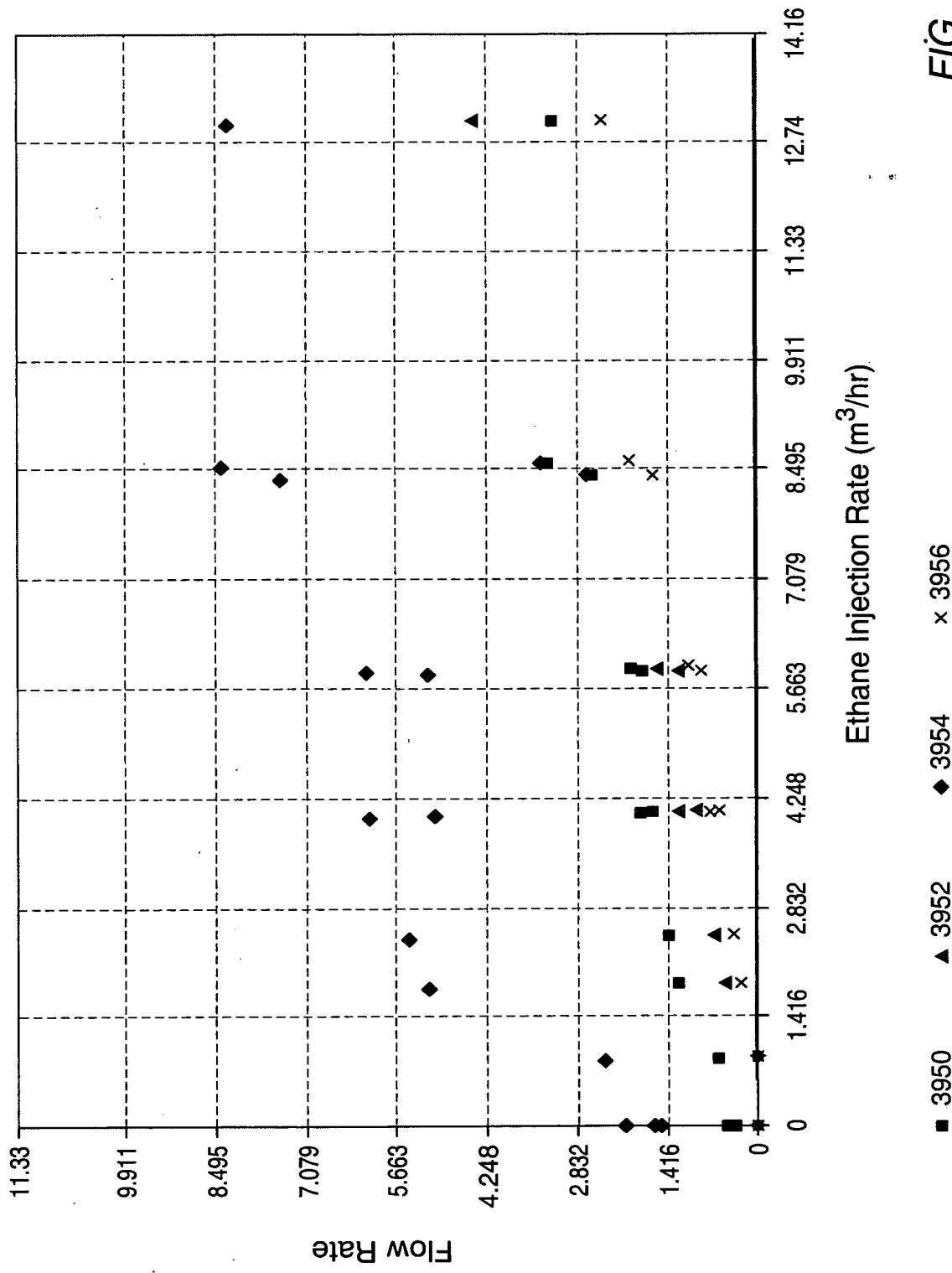
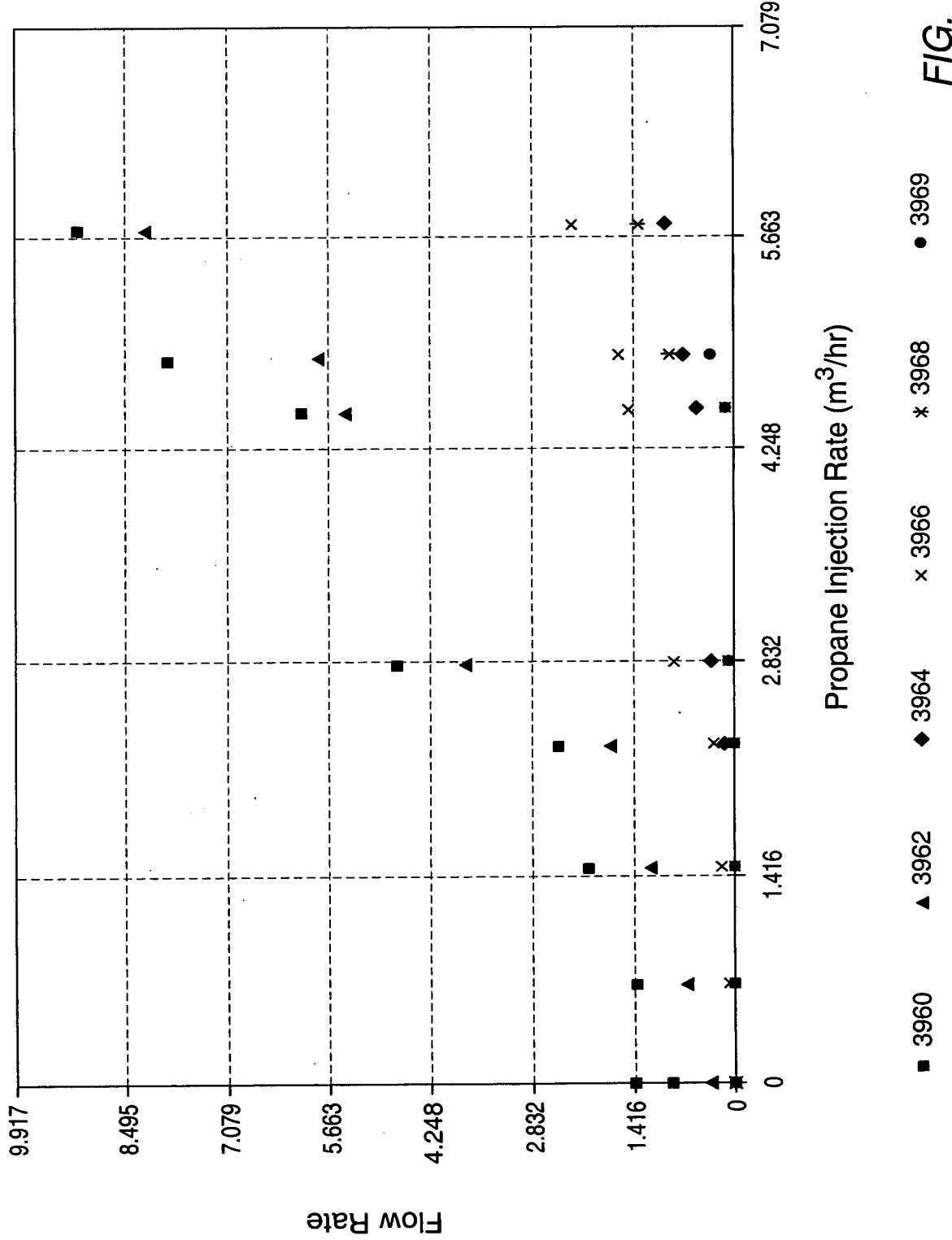


FIG. 154



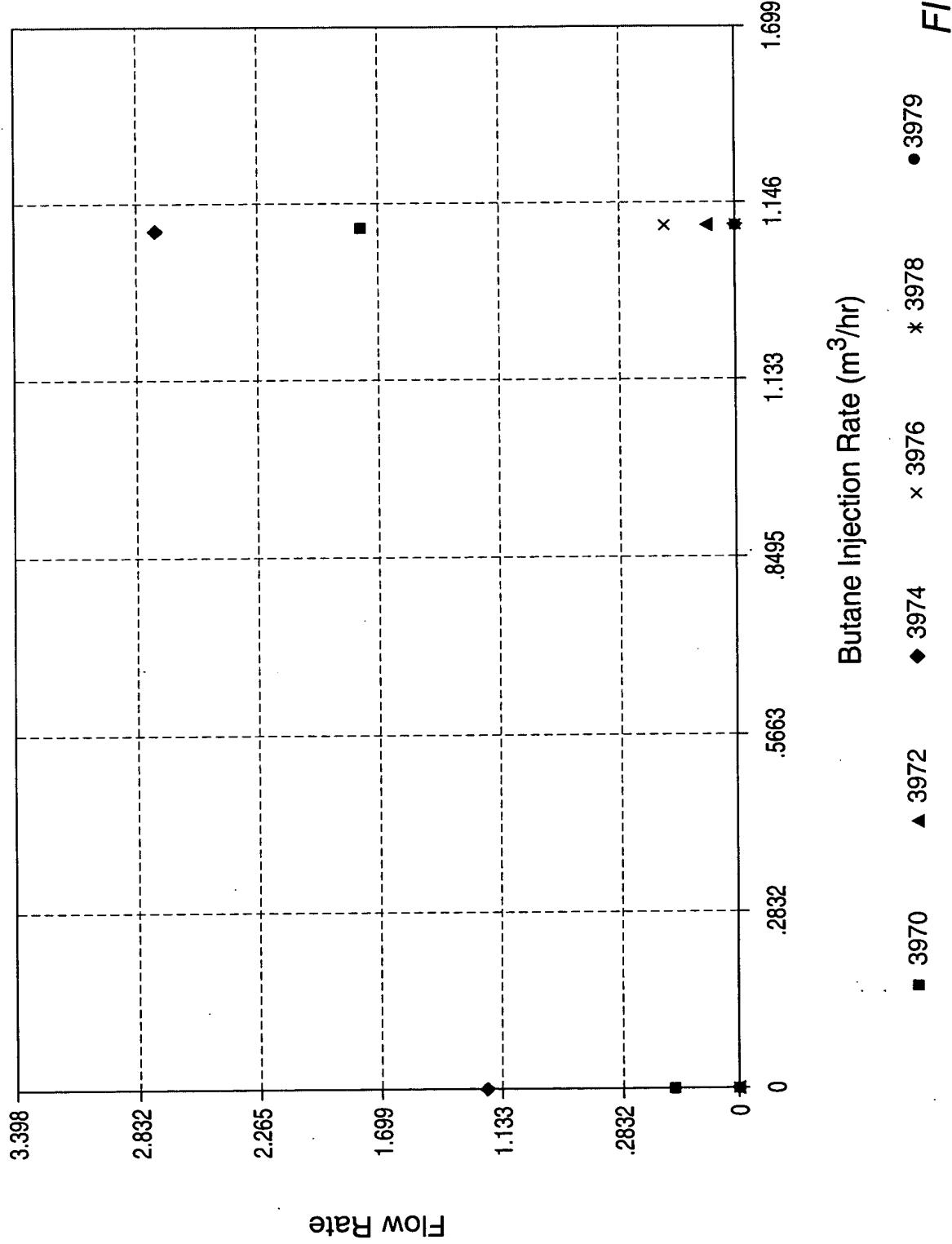


FIG. 157

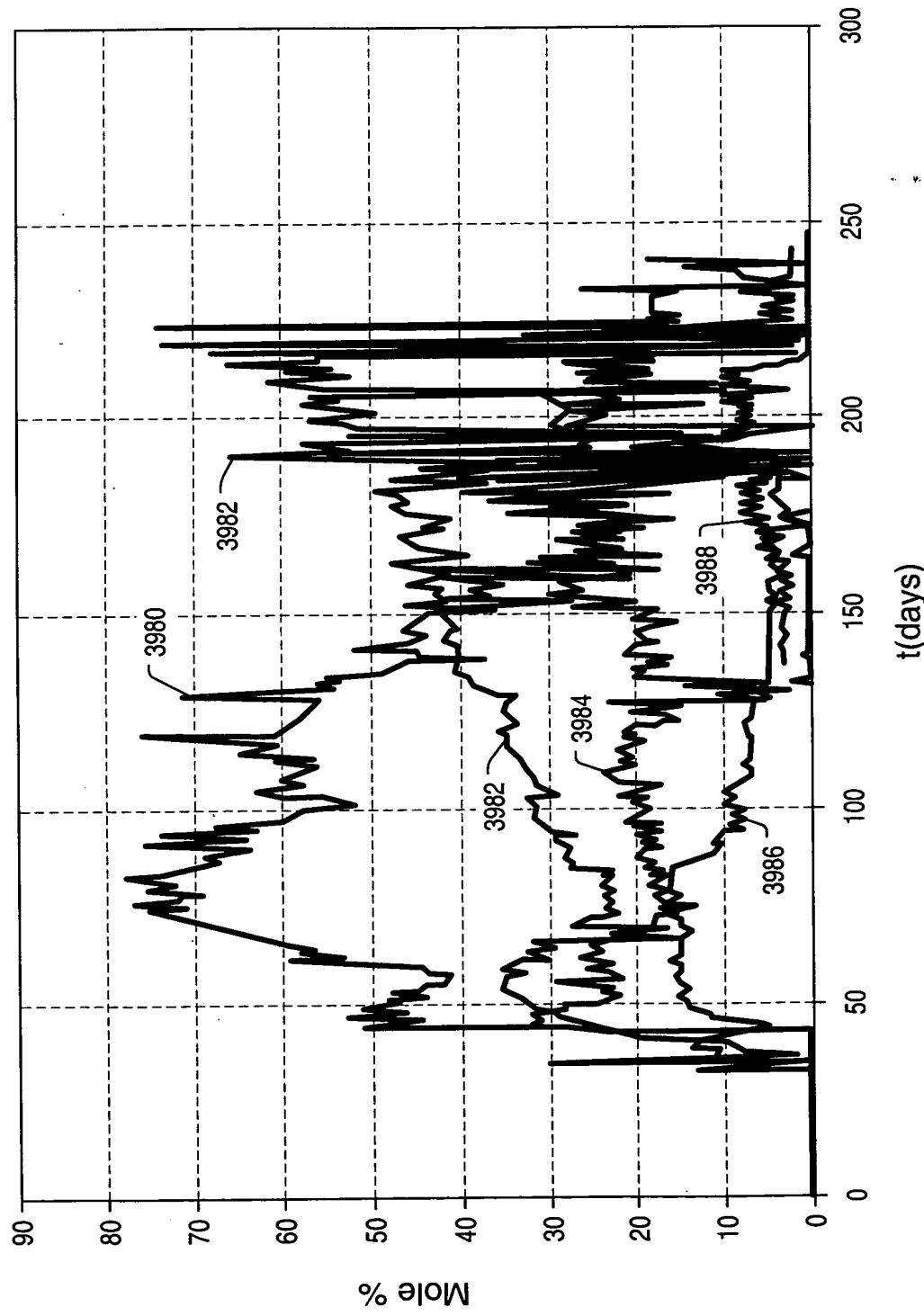


FIG. 158

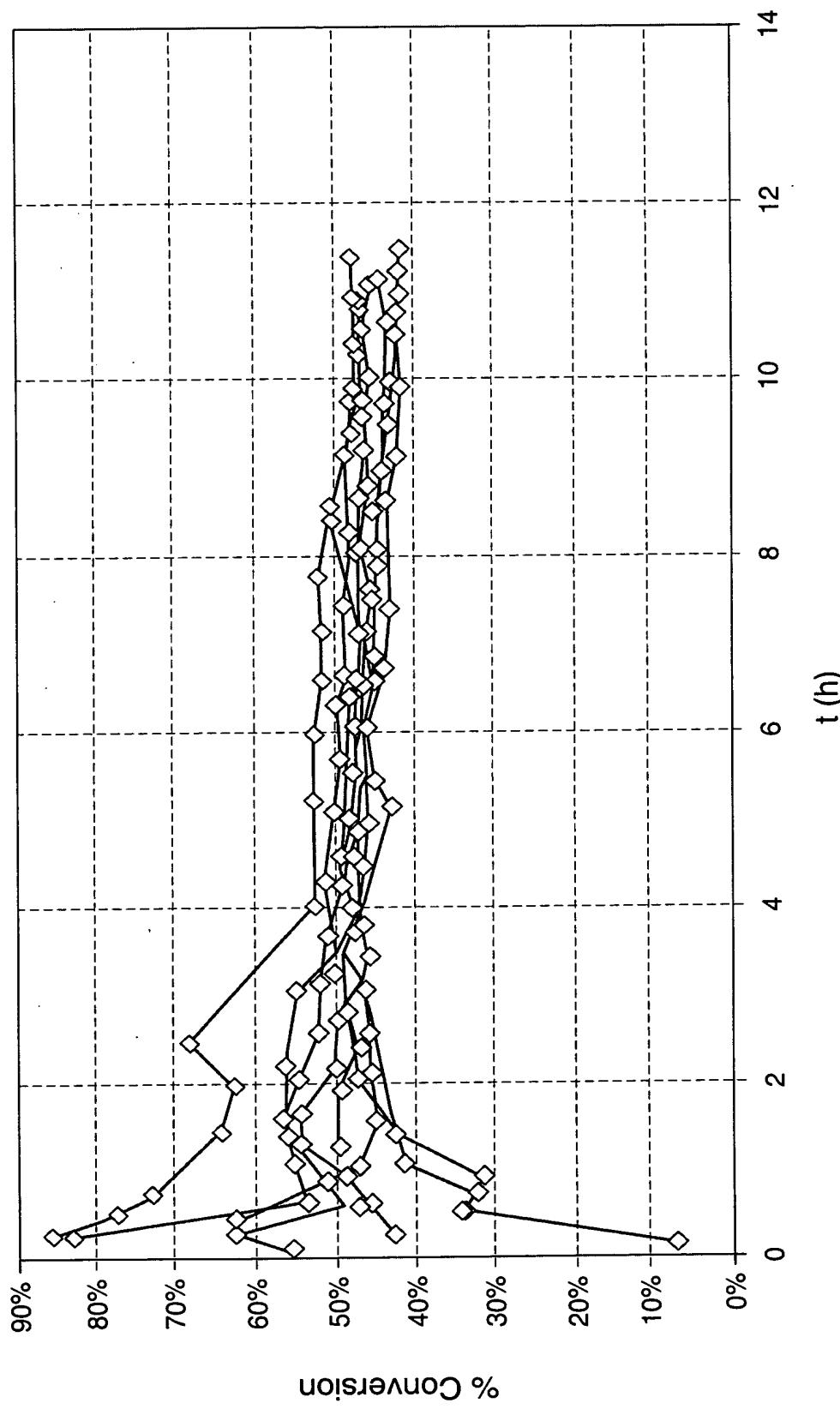


FIG. 159

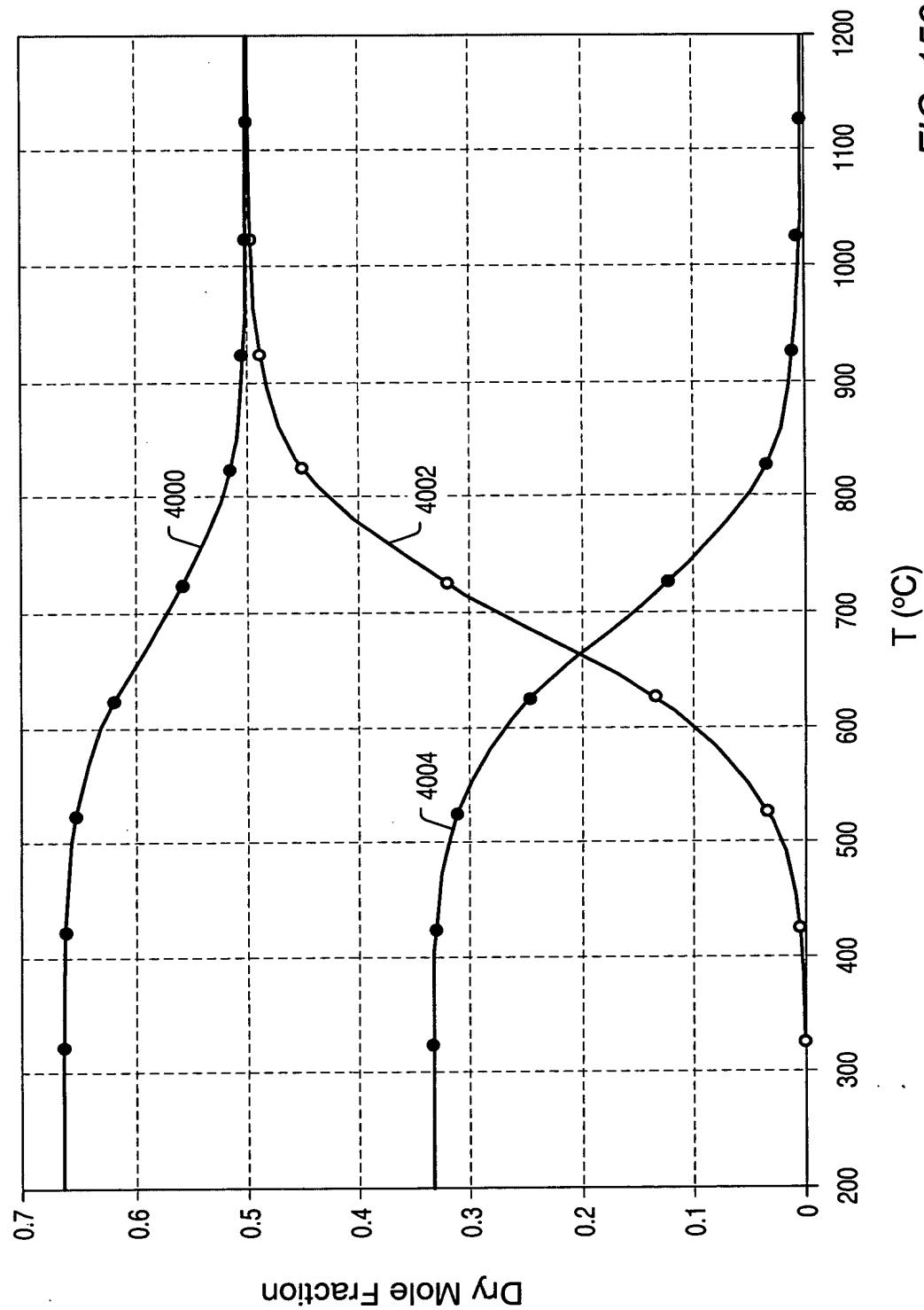
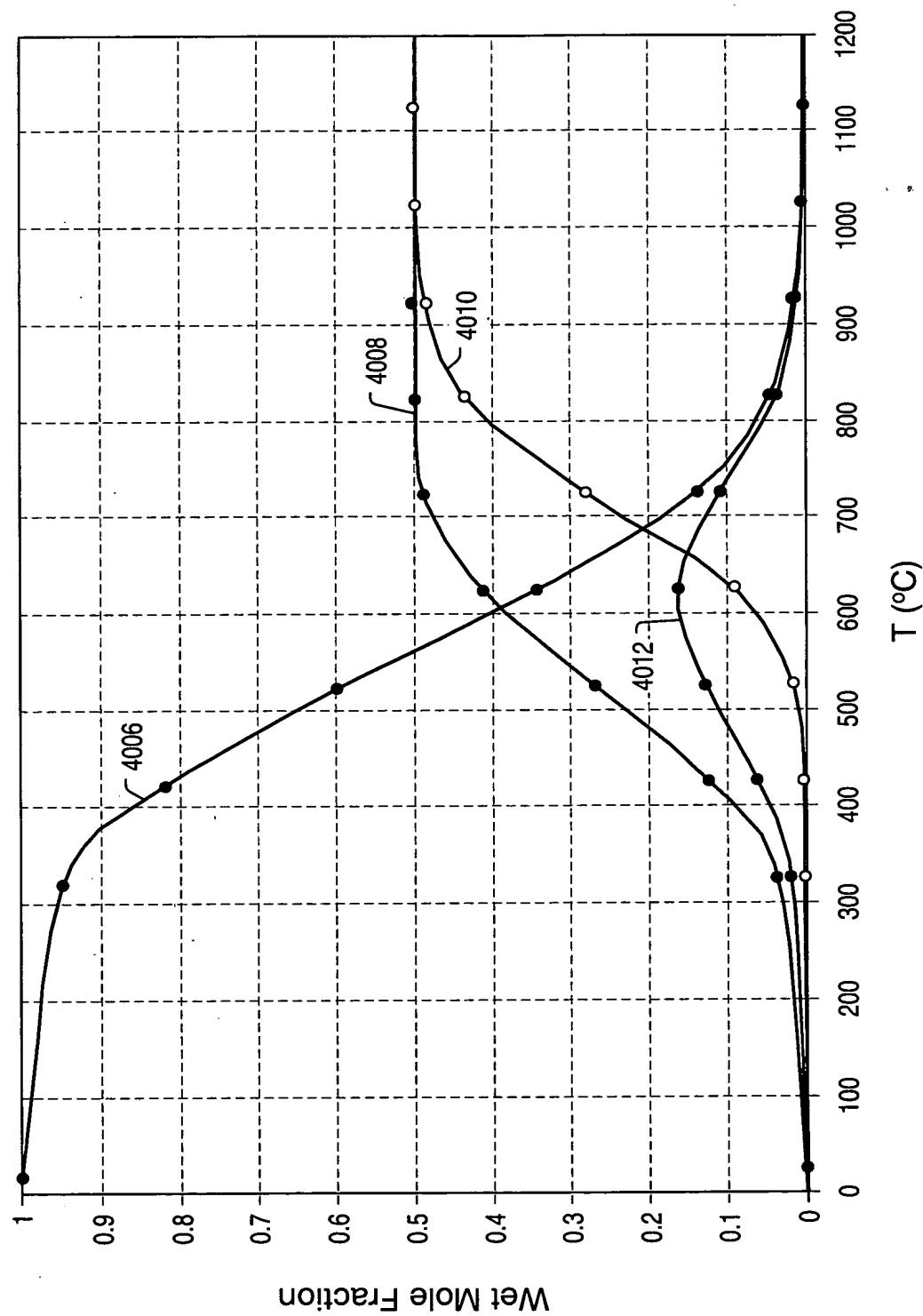


FIG. 160



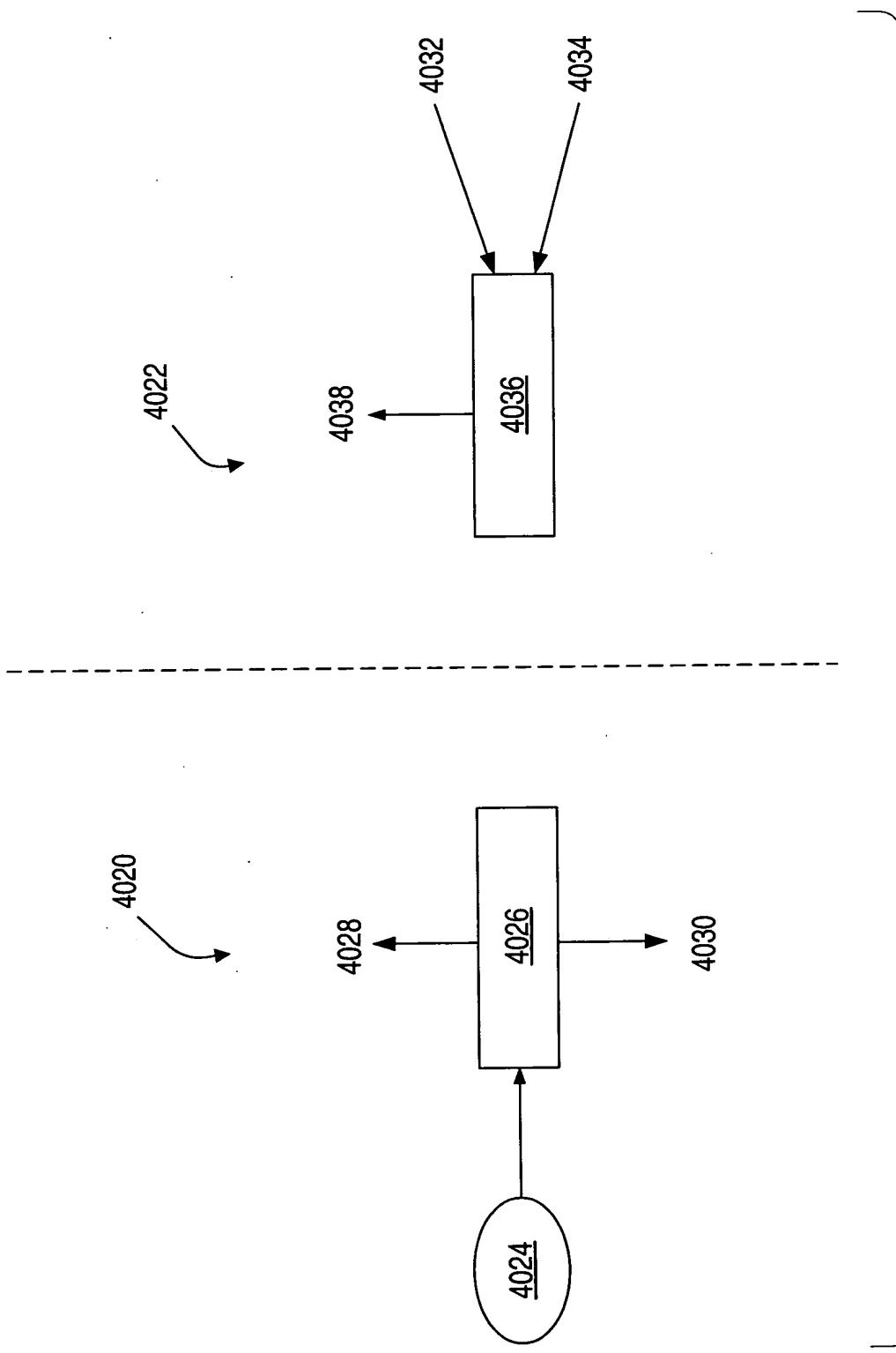


FIG. 161

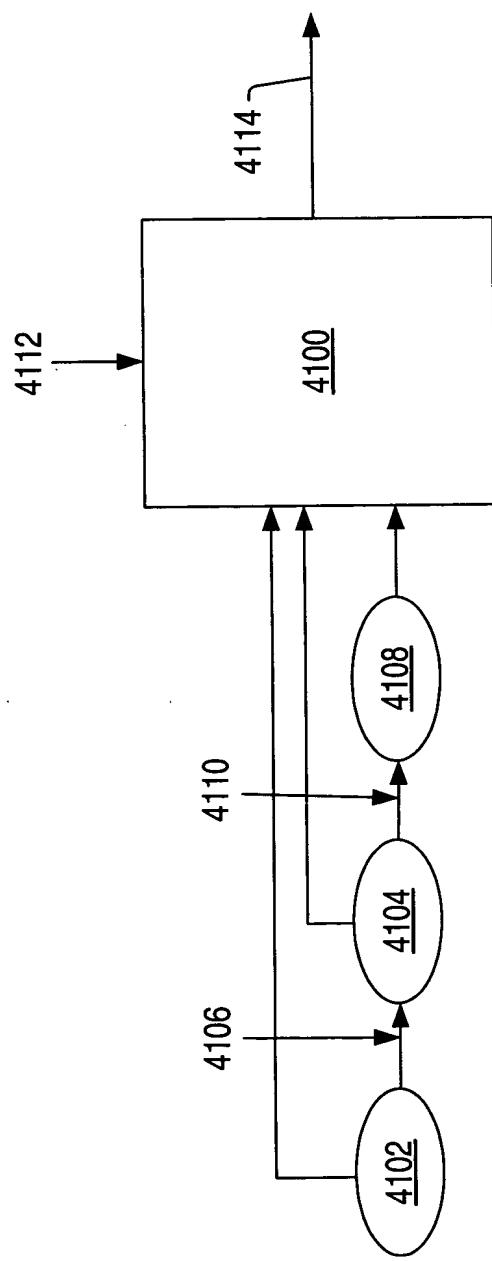


FIG. 162

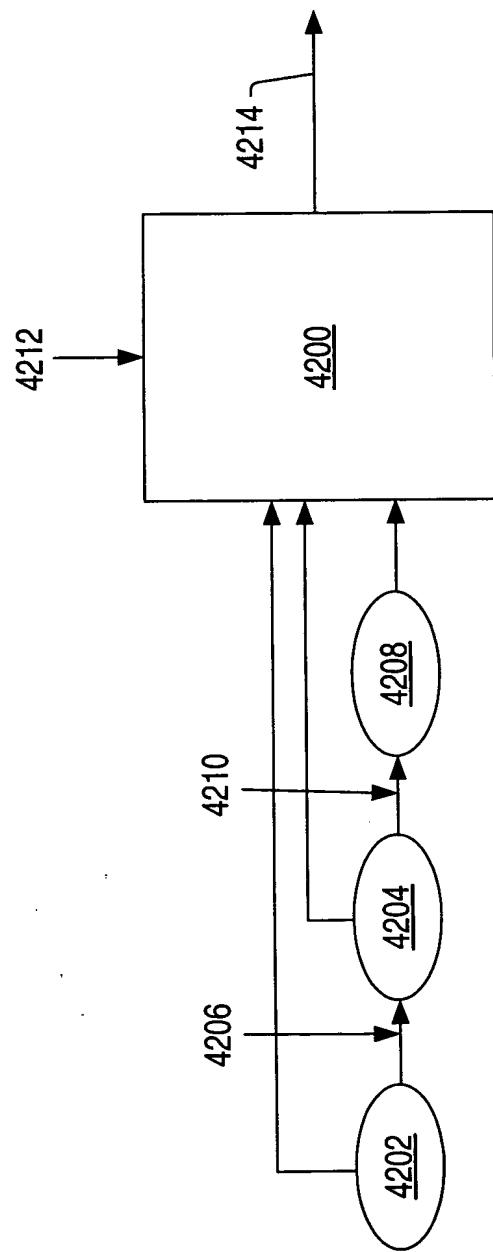


FIG. 163

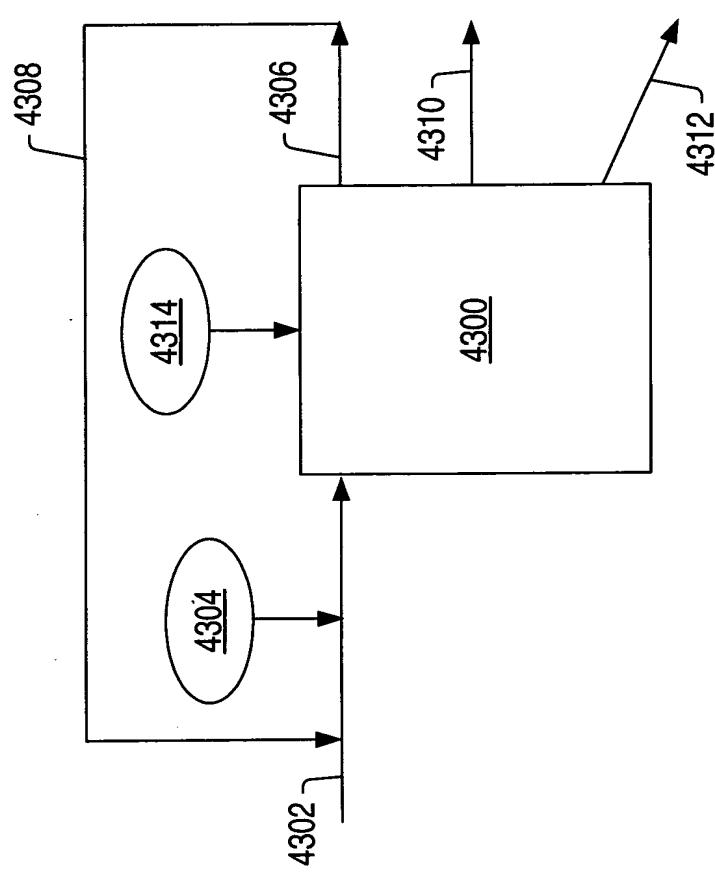


FIG. 164

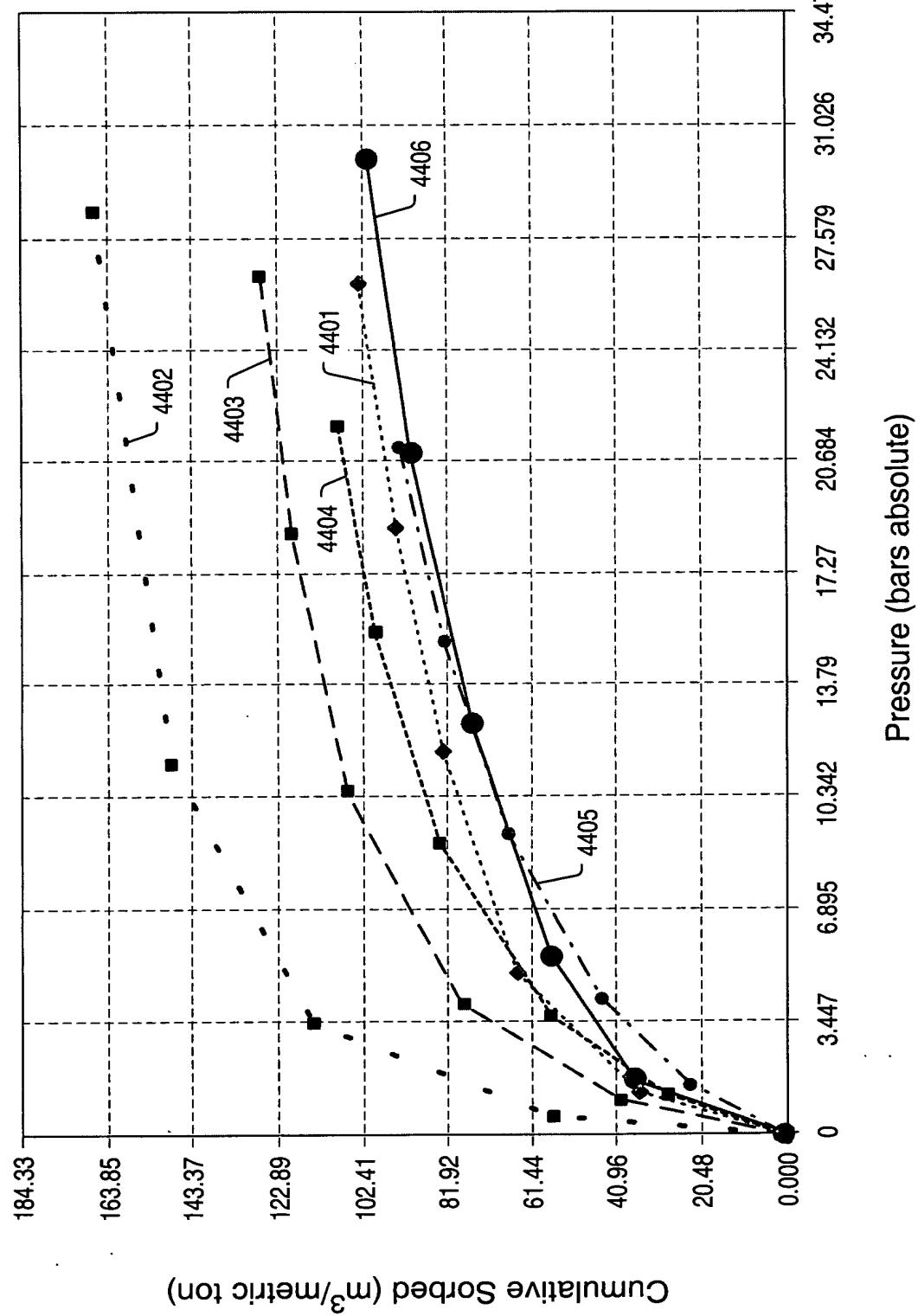


FIG. 165

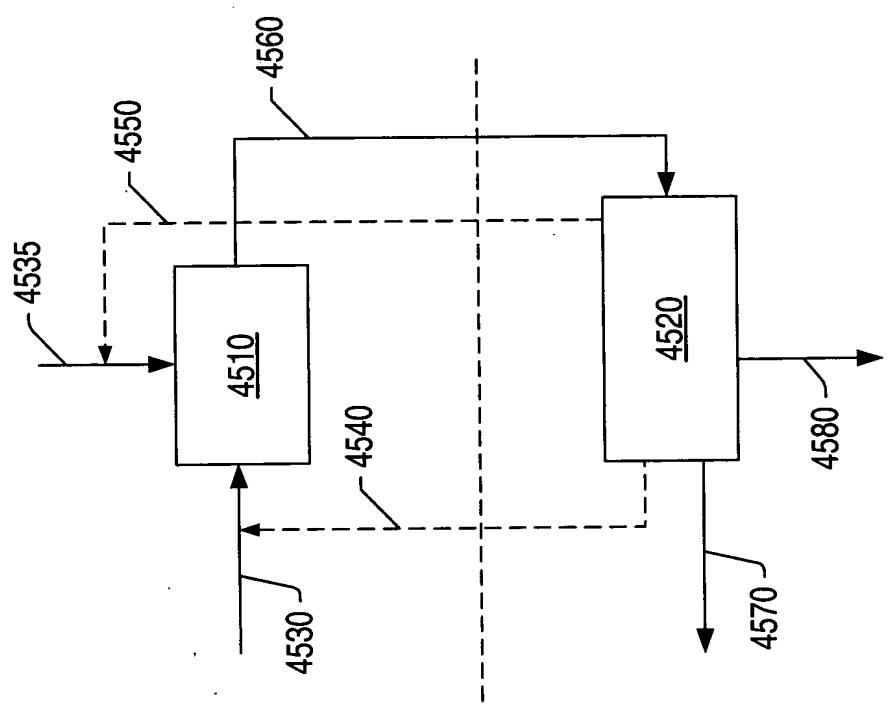


FIG. 166

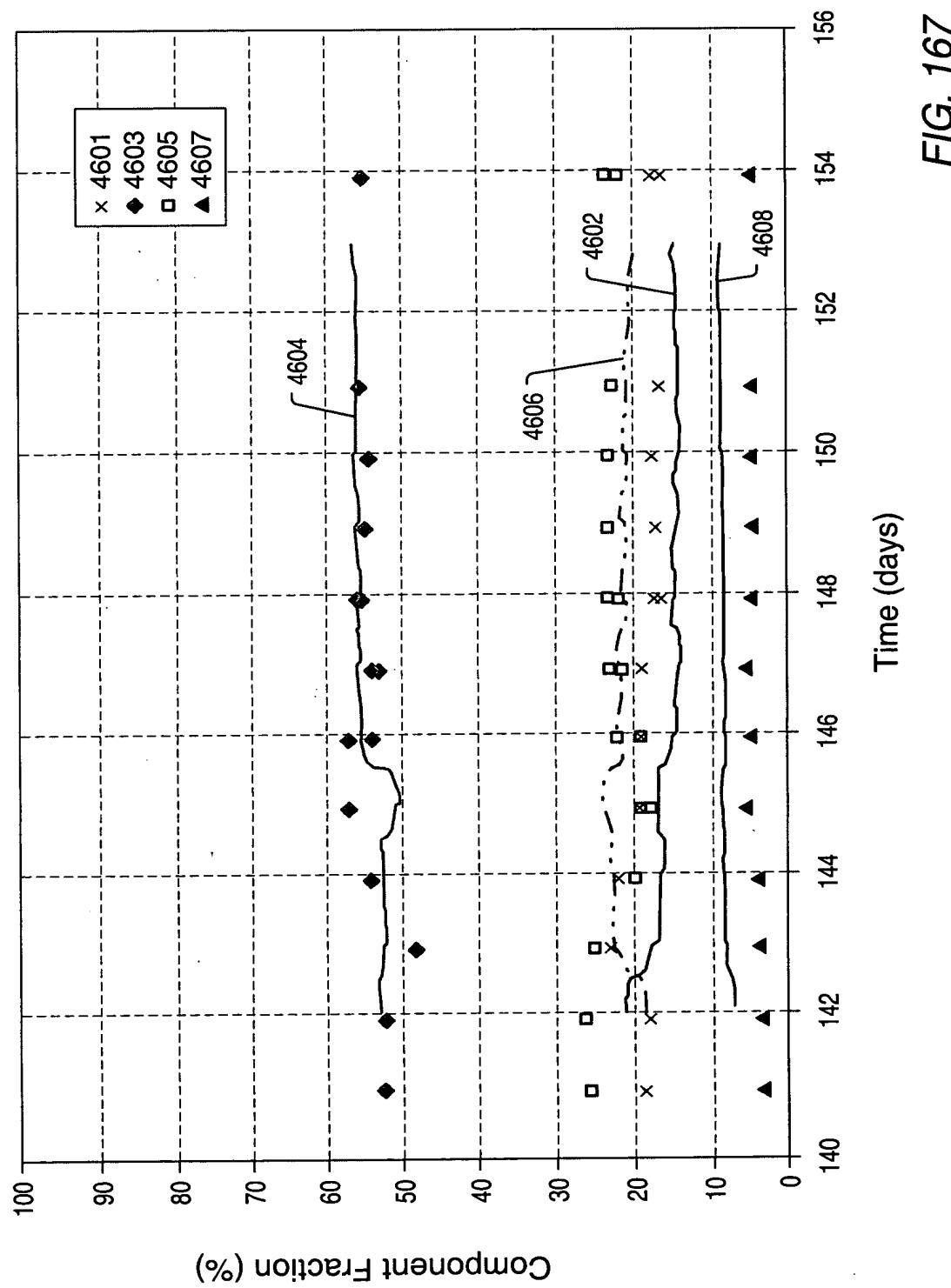
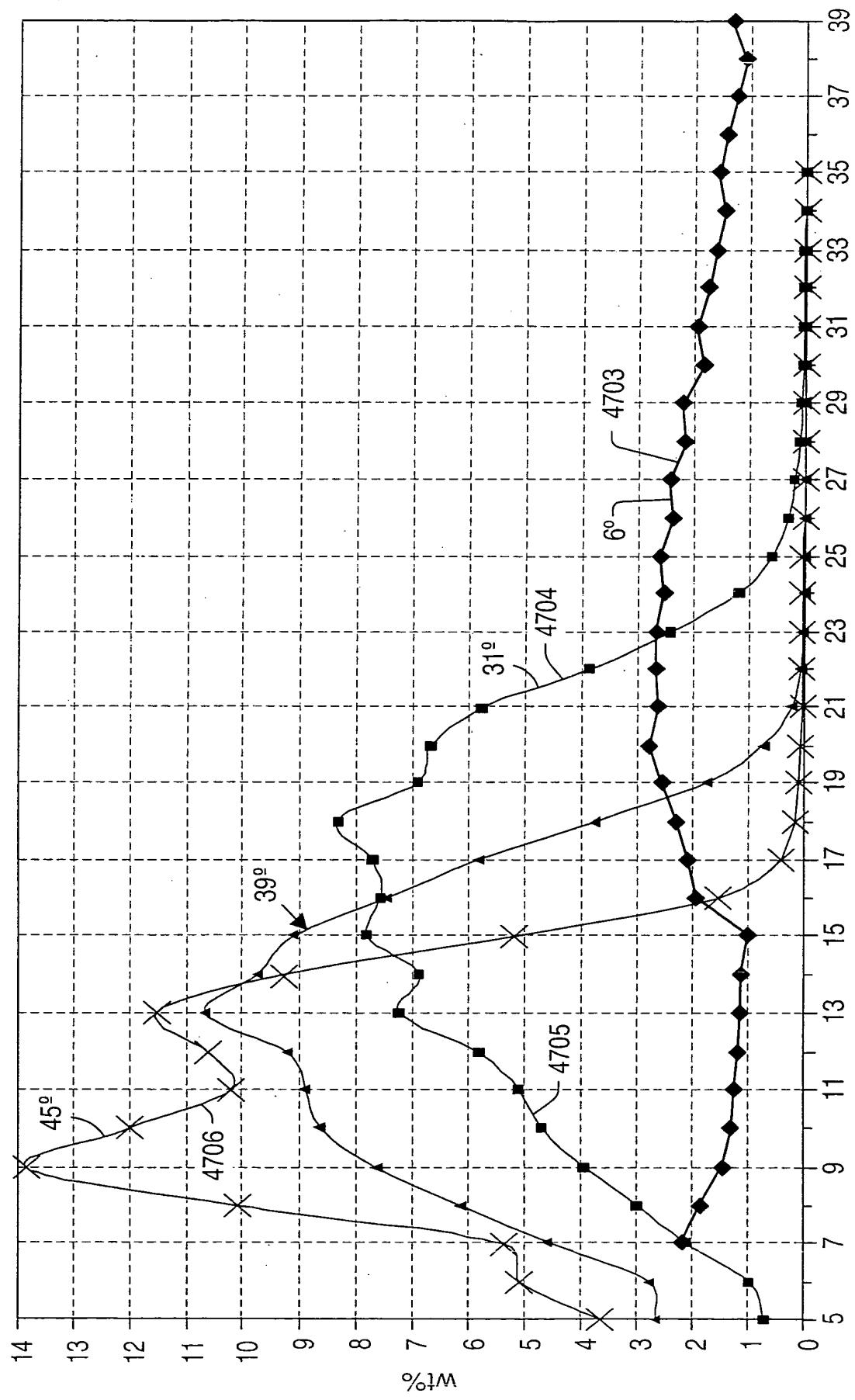
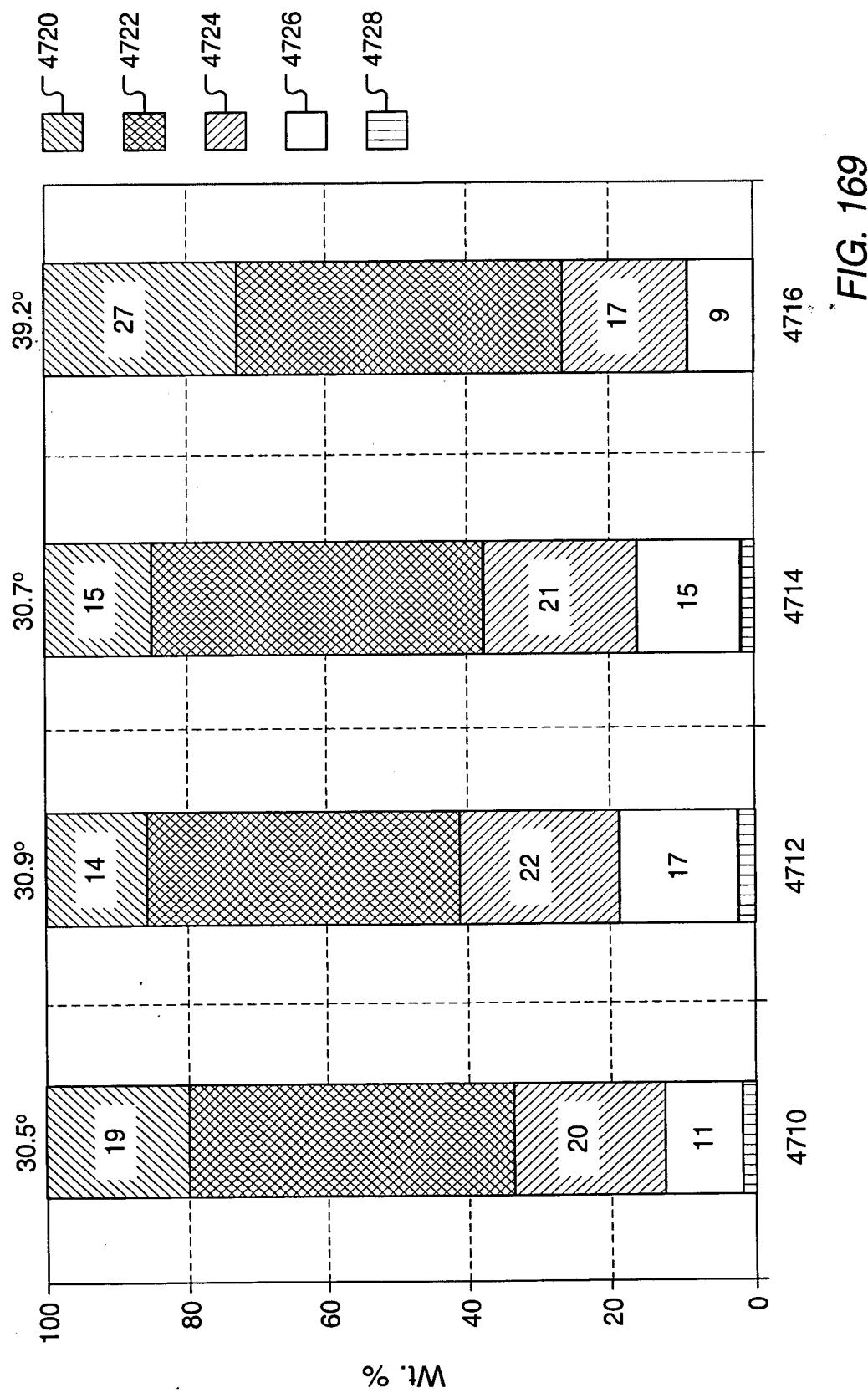


FIG. 167

FIG. 168

Carbon Number





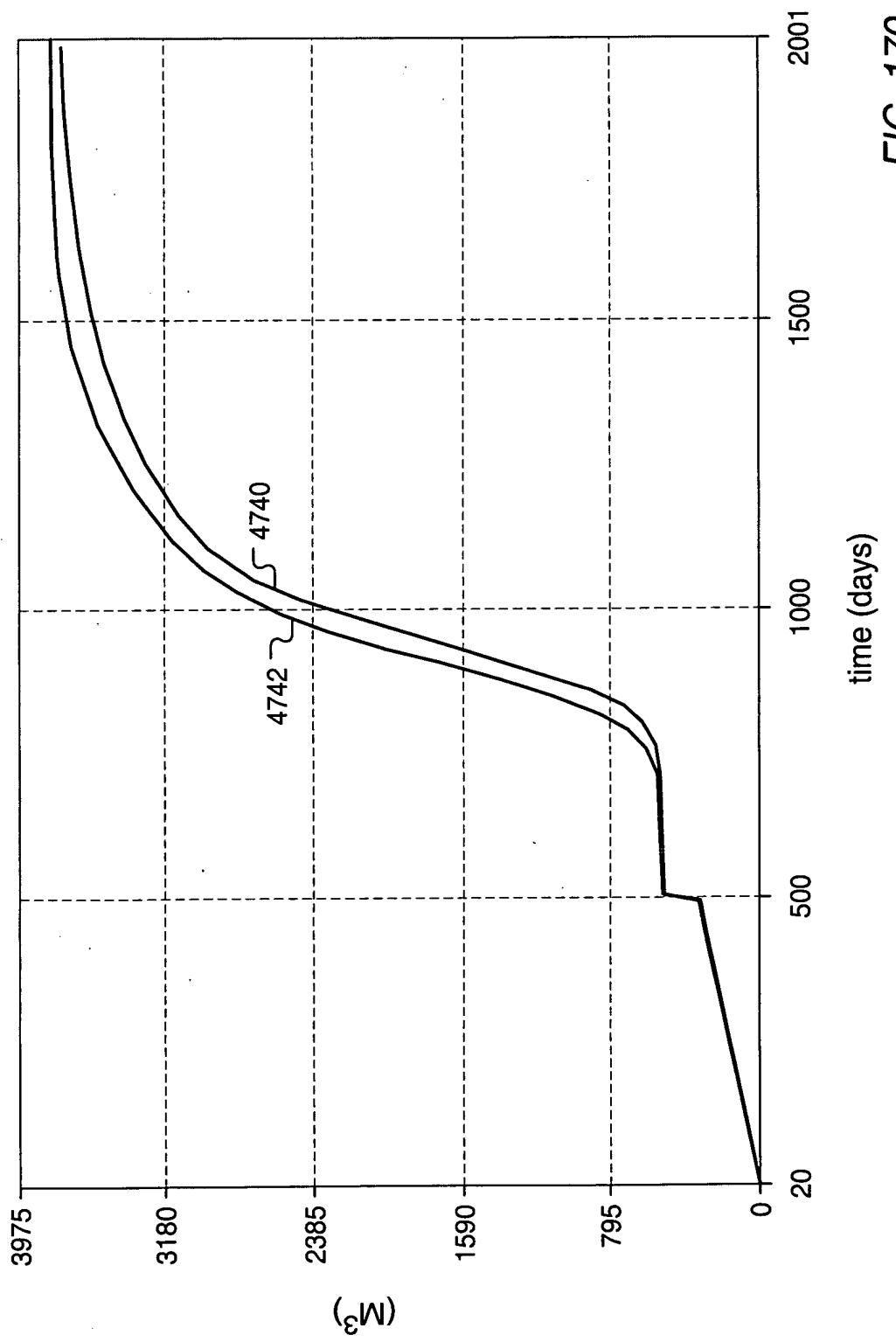


FIG. 170

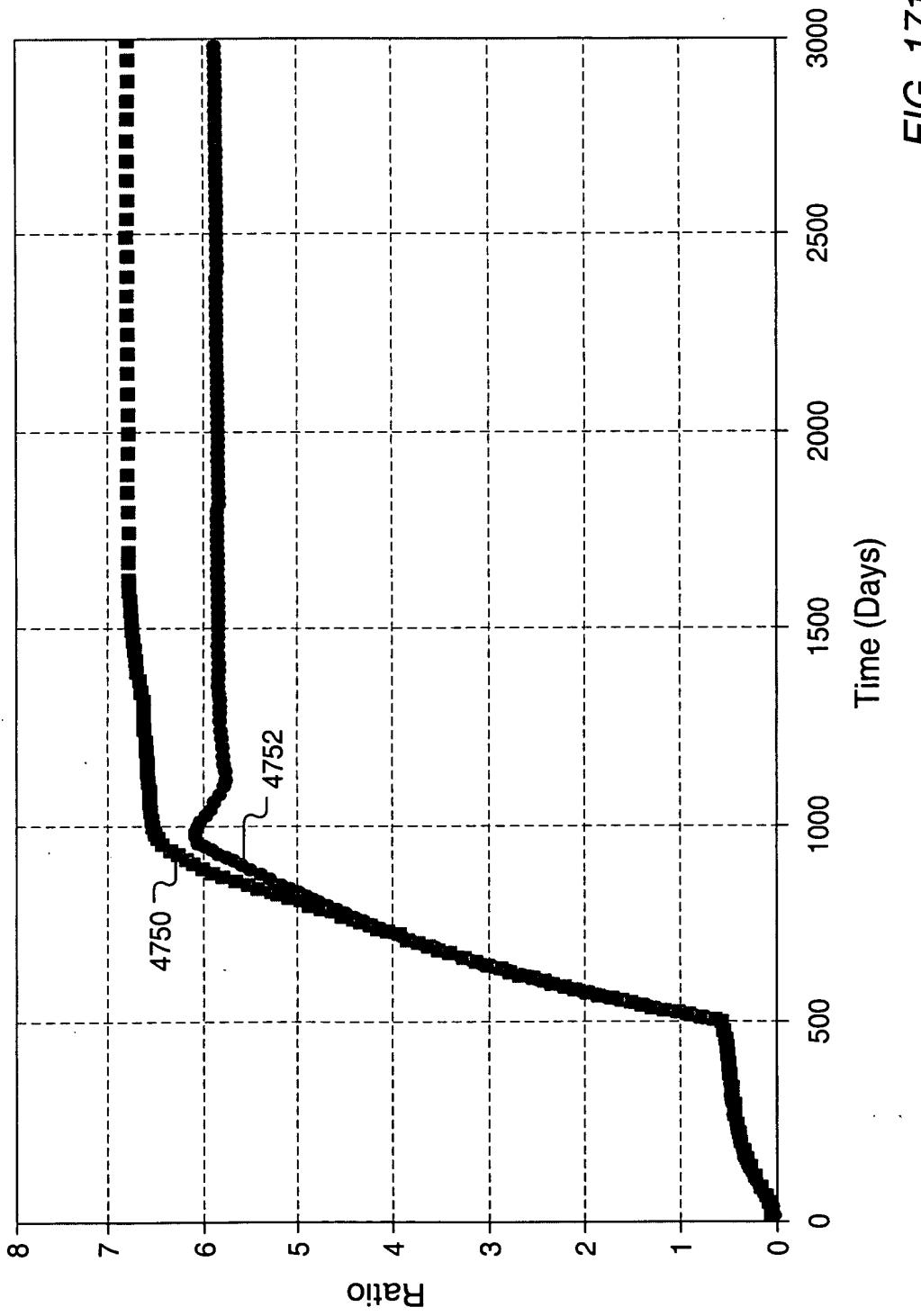


FIG. 171

FIG. 172

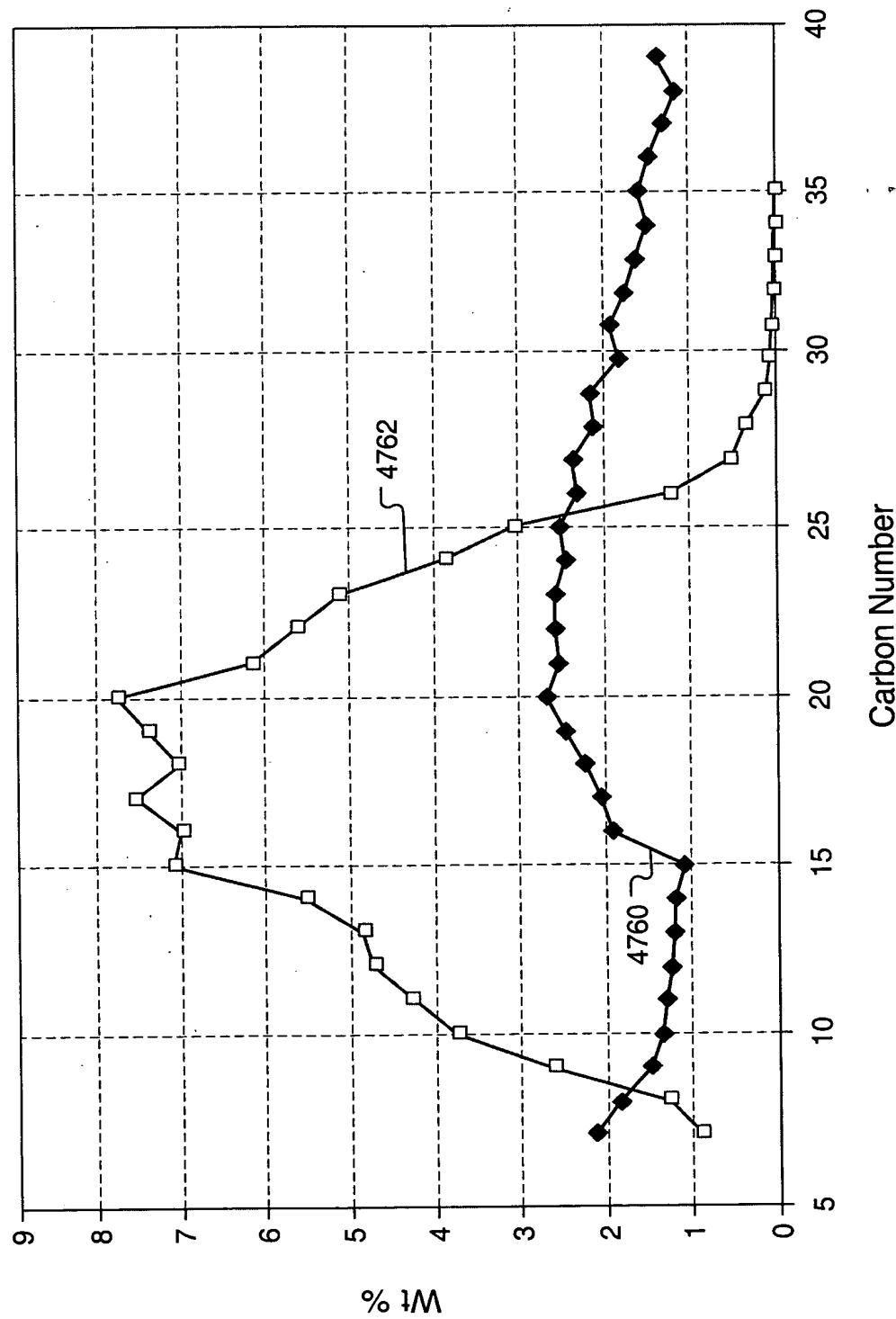


FIG. 173

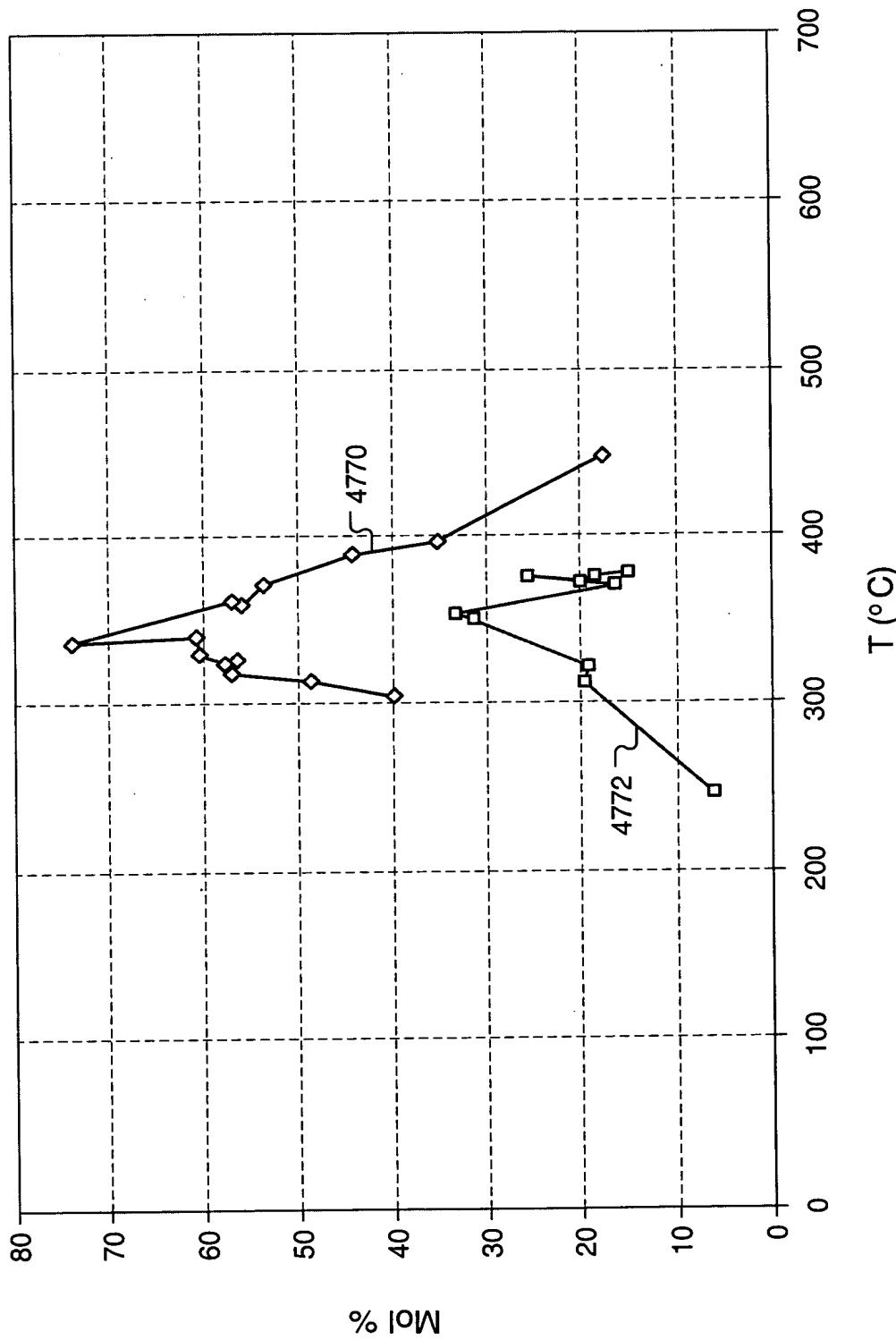


FIG. 174

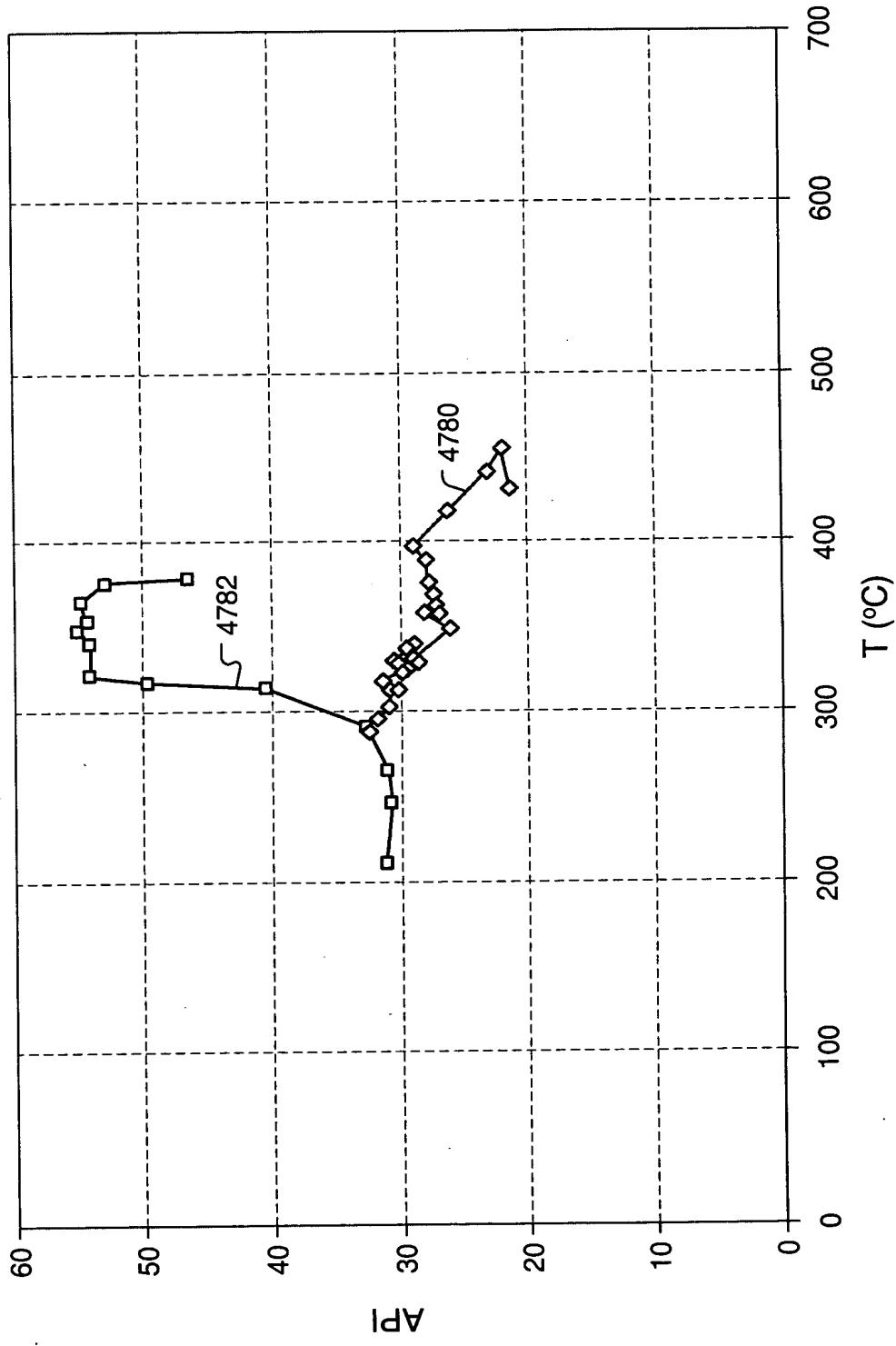


FIG. 175

Days From Start of Heat Injection

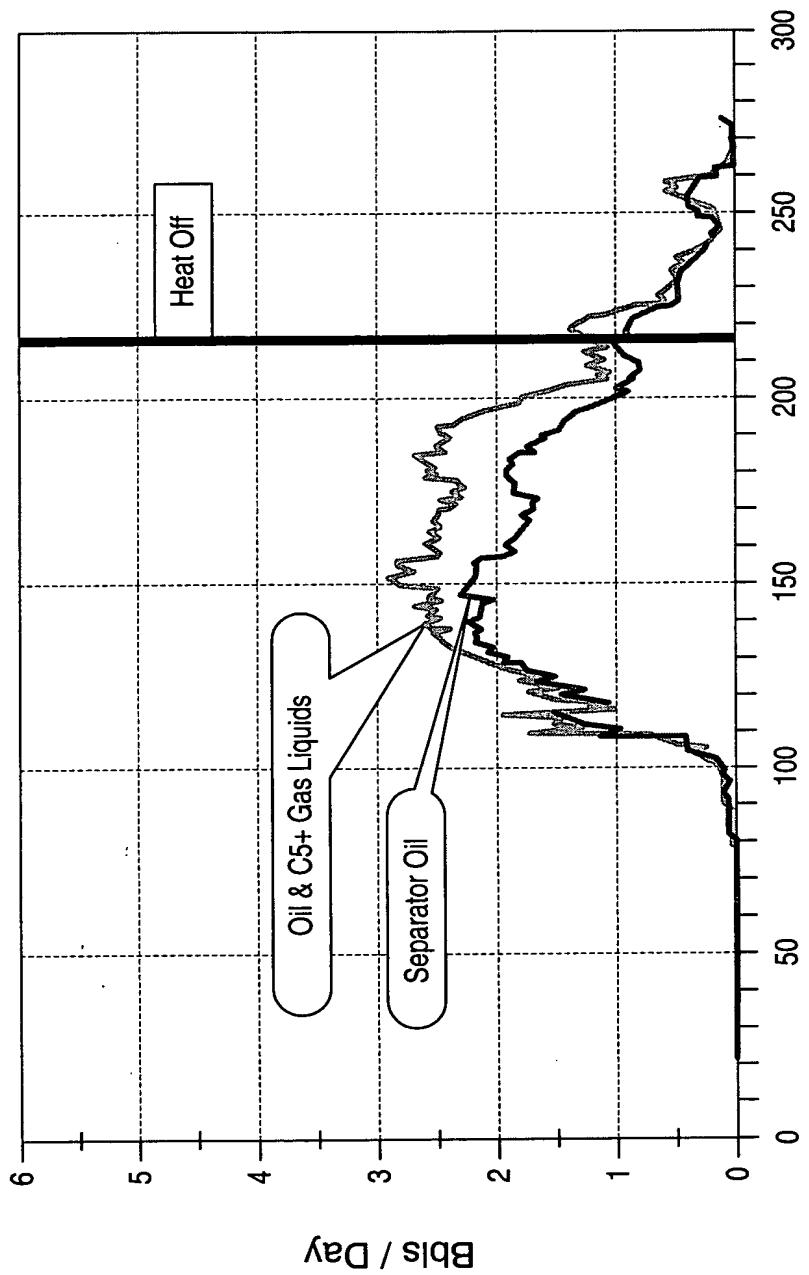
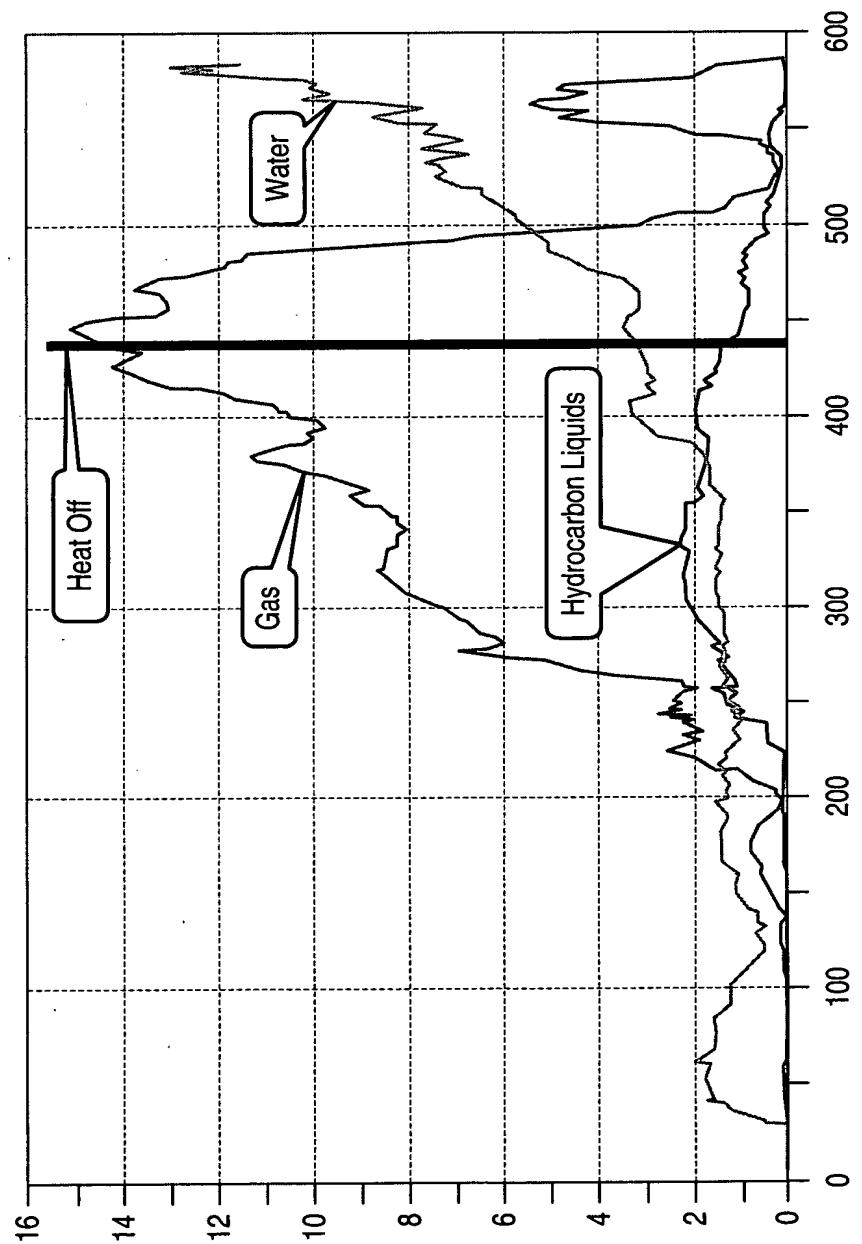


FIG. 176

Mega Watt - Hours



Gas (MCF/Day), and
Hydrocarbon Liquids (Bbls/Day),

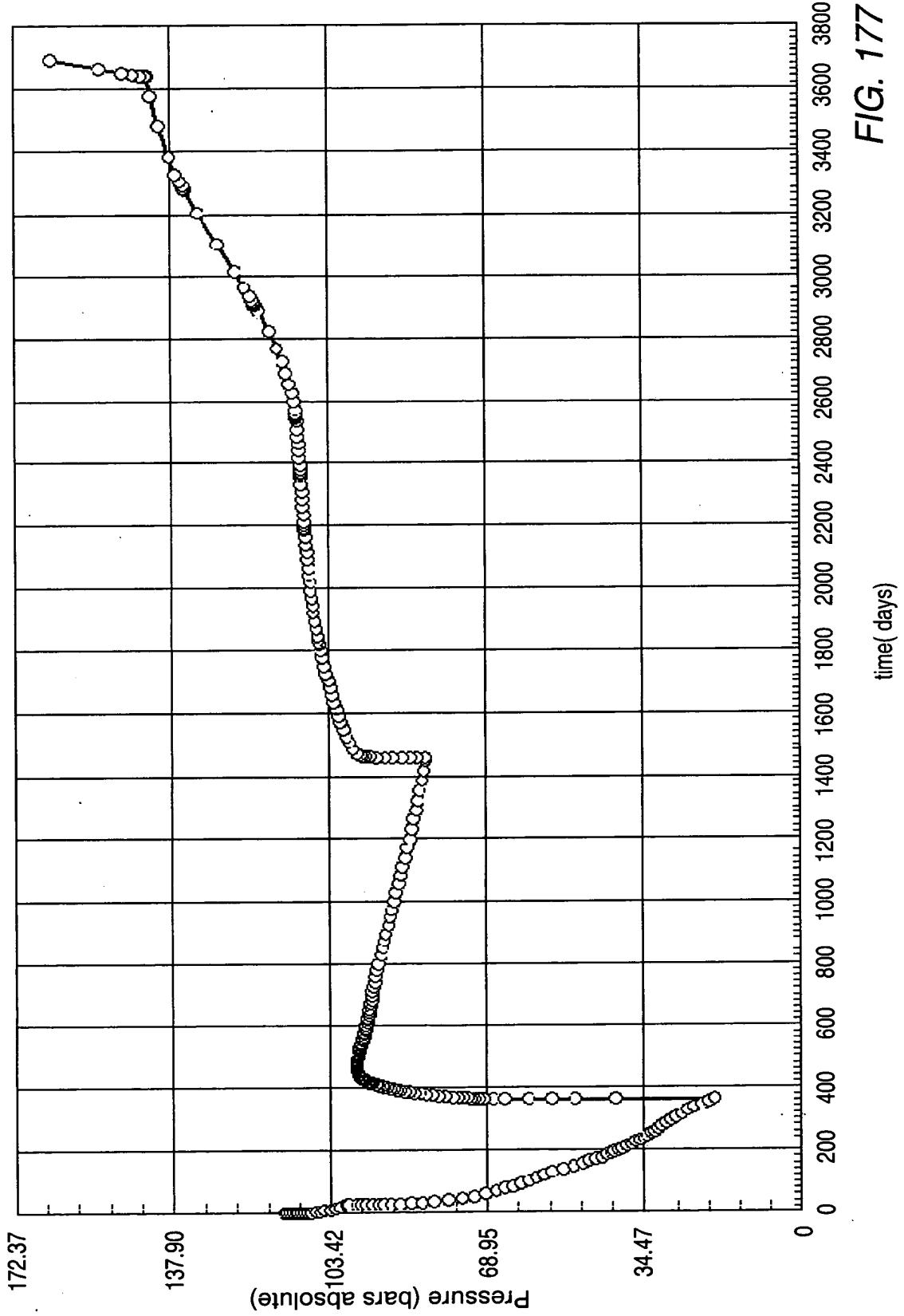
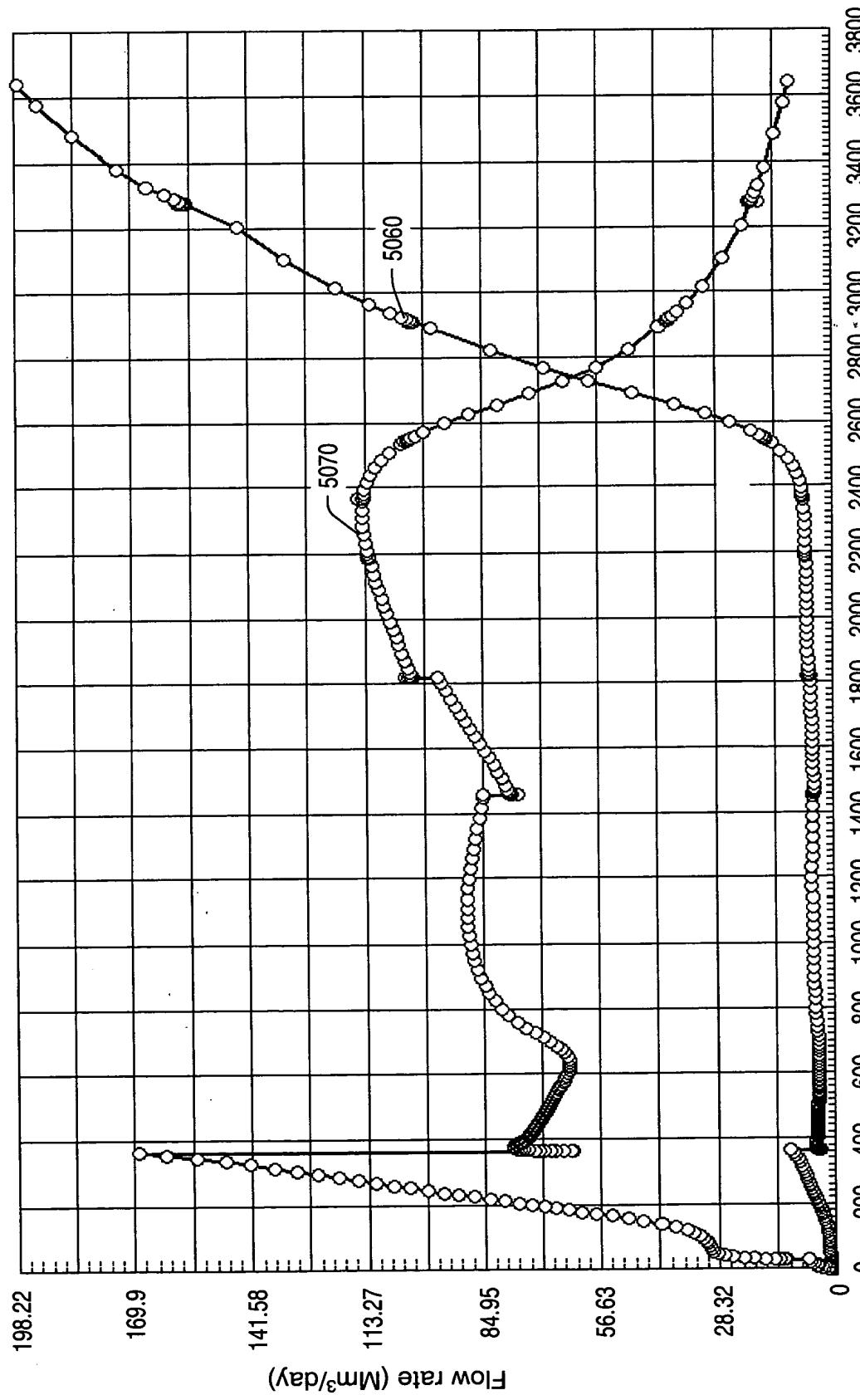


FIG. 177

FIG. 178



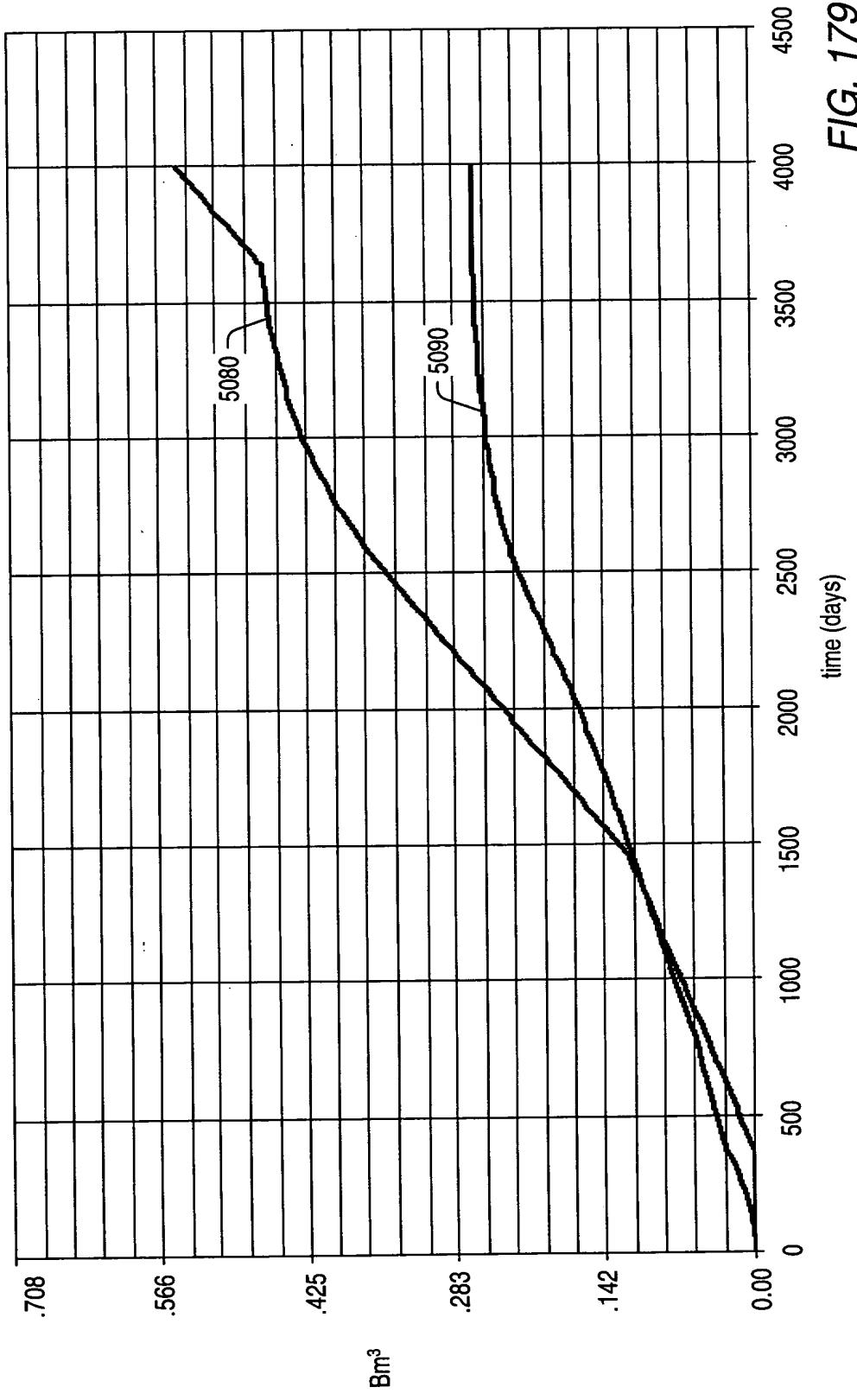


FIG. 179

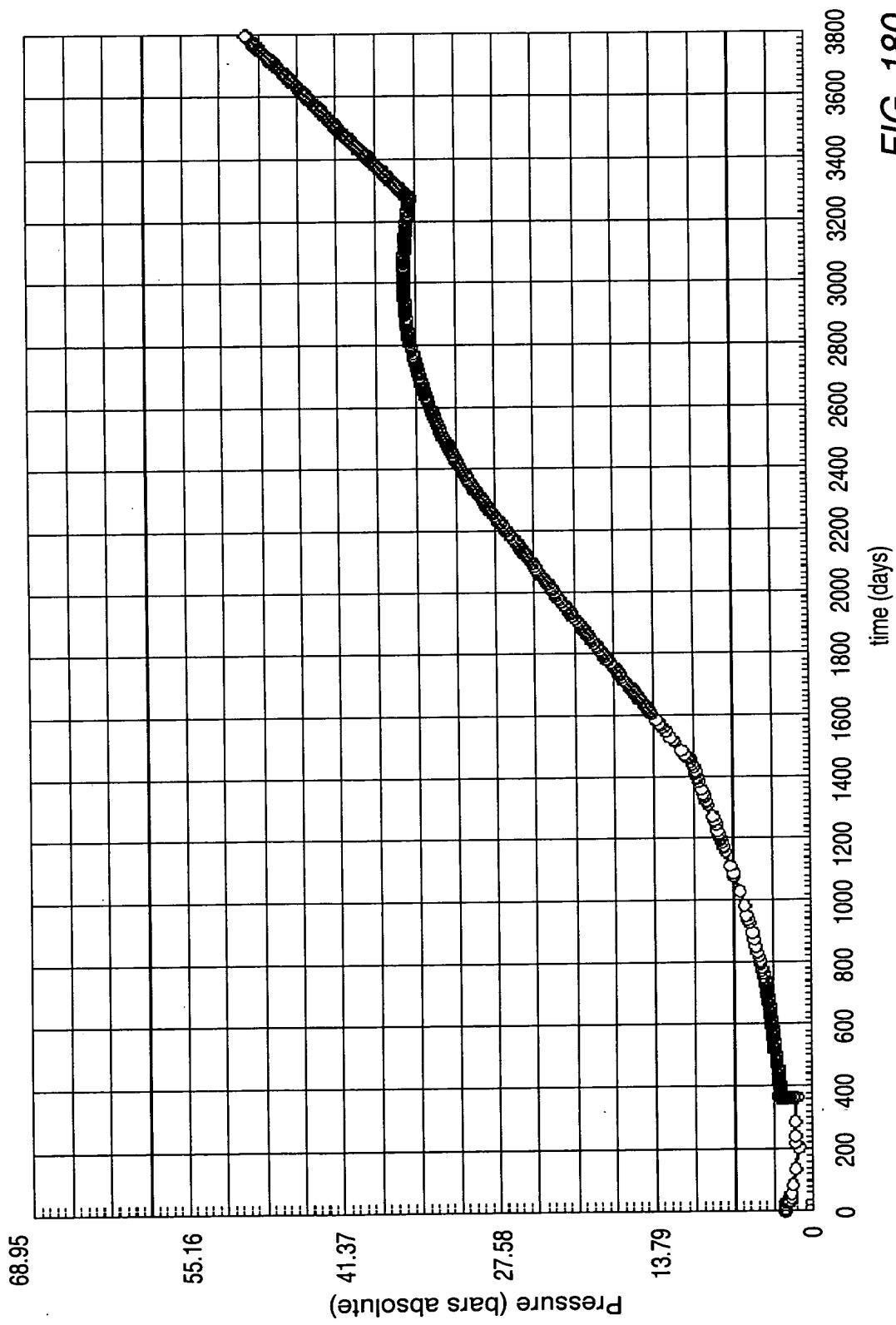


FIG. 180

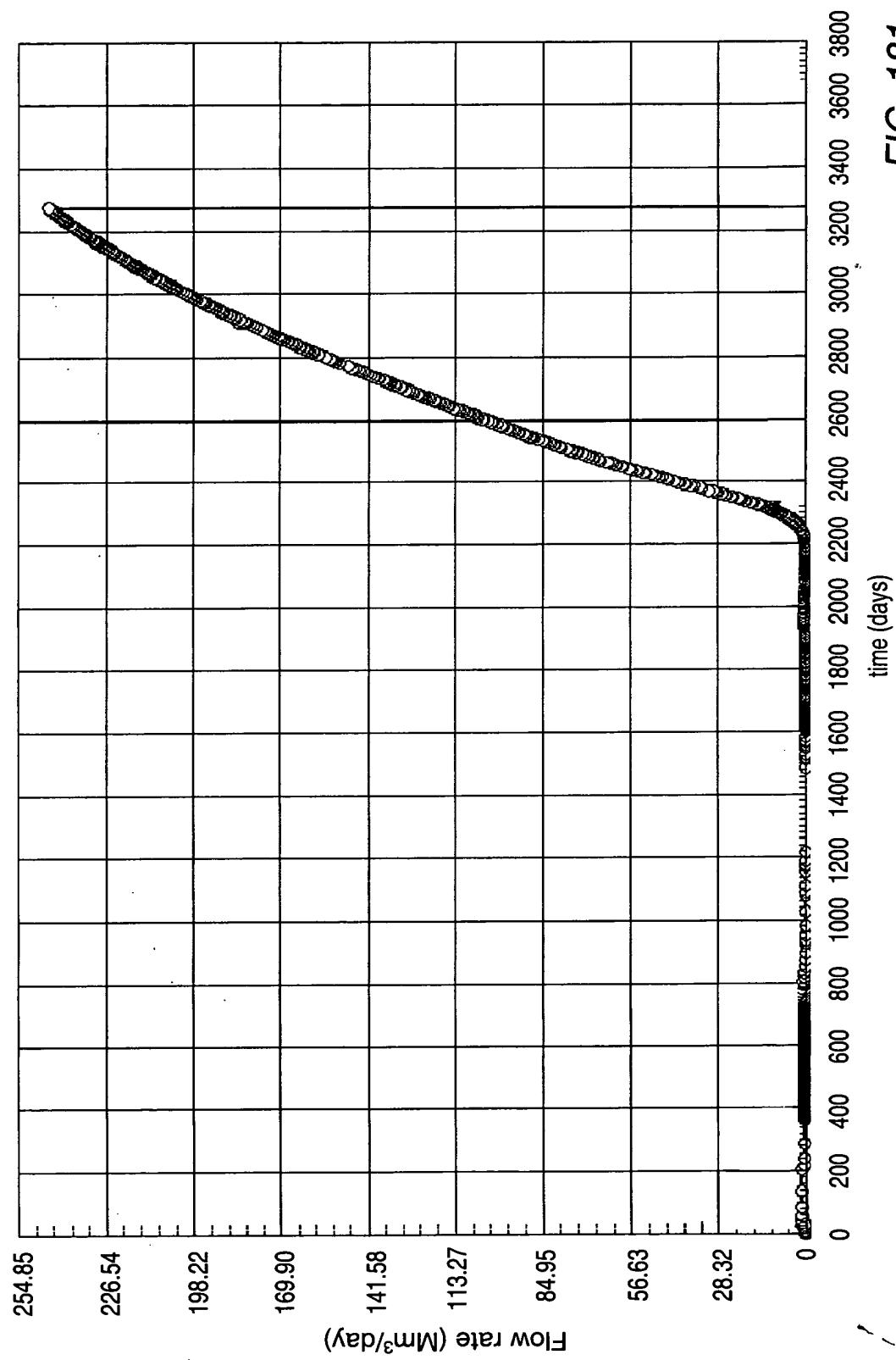


FIG. 181

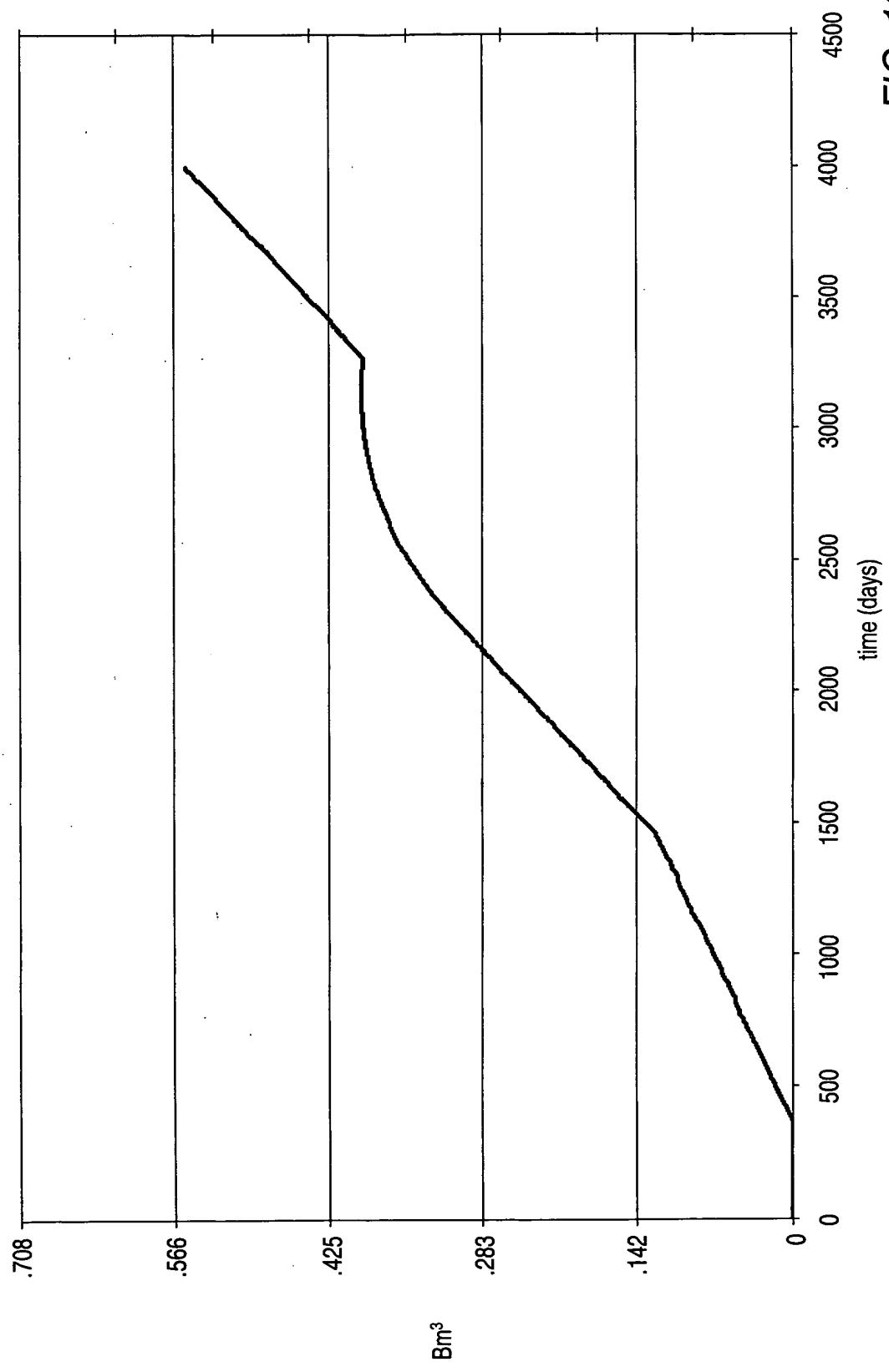


FIG. 182